according to Regulation (EC) No 1907/2006

Revision	date.	04 11	2016
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INTENSIVE Cream Developer 6 % Product code:

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Cream Developer 6 %

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH	
Street:	Ziegeleiweg 40	
Place:	D Goldberg	
Telephone:	+49 [0] 451 30 800 90	Telefax:+49 [0] 451 20 351 03
Responsible Department:	Dr. Gans-Eichler	e-mail: info@tge-consult.de
	Chemieberatung GmbH	Tel.: +49 (0)251/924520-60
	Raesfeldstr. 22 D-48149 Münster	www.tge-consult.de

1.4. Emergency telephone

number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

Tel.: +49 (0) 170 2450126

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Serious eye damage/eye irritation: Eye Irrit. 2 Hazard Statements: Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word:

Pictograms:



Hazard statements

H319

Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.

Additional advice on labelling

Labelling according to cosmetic directive.

according to Regulation (EC) No 1907/2006

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2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

aqueous solution

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification accordin	g to Regulation (EC) No. 1272/2008 [CLP]	
7722-84-1	Hydrogen peroxide so	lution %		5 - < 10 %
	231-765-0	008-003-00-9		
	Ox. Liq. 1, Acute Tox.	4, Acute Tox. 4, Skin Corr. 1A, STOT	SE 3; H271 H332 H302 H314 H335	

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

according to Regulation (EC) No 1907/2006

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5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2). Phosphorus oxides

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.

Recommended storage temperature: 20°C

Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

according to Regulation (EC) No 1907/2006

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7722-84-1	Hydrogen peroxide	1	1.4		TWA (8 h)	WEL
		2	2.8		STEL (15 min)	WEL

8.2. Exposure controls





Appropriate engineering controls

Provide adequate ventilation.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Eye glasses with side protection DIN EN 166

Hand protection

In case of prolonged or frequently repeated skin contact: Wear suitable gloves. Suitable material: FKM (fluororubber). - Thickness of glove material: 0,4 mm Breakthrough time >= 8 h Butyl rubber. - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm Breakthrough time >= 8 h PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

exceeding exposure limit values

generation/formation of aerosols

Suitable respiratory protection apparatus: Particle filter device (DIN EN 143) - Type P2/3

The filter class must be suitable for the maximum contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

according to Regulation (EC) No 1907/2006

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Environmental exposure controls

No special precautionary measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and ch	nemical properties
Physical state:	liquid
Colour:	not determined
Odour:	characteristic
pH-Value:	<2,8
Changes in the physical state	
Melting point:	not determined
Initial boiling point and boiling range:	>100 °C
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	not determined
Sustaining combustion:	Not sustaining combustion
Explosive properties none	
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined
Auto-ignition temperature Gas:	not determined
Oxidizing properties none	
Vapour pressure:	not determined
Density:	~1 g/cm³
Water solubility:	miscible.
Solubility in other solvents not determined	
Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Flow time:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined
9.2. Other information	
Solid content:	not determined

SECTION 10: Stability and reactivity

according to Regulation (EC) No 1907/2006

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10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2). Phosphorus oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7722-84-1	Hydrogen peroxide solut	ion %			
	oral	LD50 (426- 1026) mg/kg	Rat (OECD 401)	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA Dossier	
	inhalative vapour	ATE 11 mg/l			
	inhalative (4 h) aerosol	LC50 (>0,17 - 50% H2O2) mg/l		ECHA Dossier	

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met. Hydrogenium peroxide. (CAS No. 7722-84-1): In-vivo mutagenicity: Method: -OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) -OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) Result: negative. Literature information: ECHA Dossier

STOT-single exposure

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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STOT-repeated exposure

Based on available data, the classification criteria are not met. Hydrogenium peroxide. (CAS No. 7722-84-1): Subchronic oral toxicity LOEL = 300 ppm (Mouse.) Subacute inhalative toxicity NOEL = 2.03 ppm (Rat.) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
7722-84-1	Hydrogen peroxide solution	n %					
	Acute fish toxicity	LC50 mg/l	16,4	96 h	Pimephales promelas	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	1,38	72 h	Skeletonema costatum	ECHA Dossier	
	Acute crustacea toxicity	EC50	2,4 mg/l	48 h	Daphnia pulex	ECHA Dossier	

12.2. Persistence and degradability

	The pro	oduct has not been tested.			
CAS	S No	Chemical name			
		Method	Value	d	Source
		Evaluation			
7722	2-84-1	Hydrogen peroxide solution %			
		OECD 209	>99%	28	ECHA Dossier

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

<u>12.4. Mobility in soil</u>

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

according to Regulation (EC) No 1907/2006

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Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of contaminated packaging

150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1.</u>	UN number:
14.2.	UN proper shipping name:

14.3. Transport hazard class(es):	
14.4. Packing group:	

Inland waterways transport (ADN)

14.1. UN number:

14.2. UN proper shipping name:

14.3. Transport hazard class(es):

14.4. Packing group:

Marine transport (IMDG)

14.1. UN number:

14.2. UN proper shipping name:

14.3. Transport hazard class(es):

14.4. Packing group:

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

14.2. UN proper shipping name:

14.3. Transport hazard class(es):

14.4. Packing group:

<u>14.5. Environmental hazards</u>

ENVIRONMENTALLY HAZARDOUS:

14.6. Special precautions for user refer to chapter 6-8

Teler to chapter 0-0

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code not relevant

SECTION 15: Regulatory information

$\underline{15.1.}\ \underline{Safety, health and environmental regulations/legislation specific for the substance or mixture}$

EU regulatory information

2010/75/EU (VOC):

No information available.

No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation.

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S: no

according to Regulation (EC) No 1907/2006

Revision date: 04.11.2016 Product code: Page 9 of 1 2004/2EC (VOC): No Information available. Information according to 2012/18/EU (SEVESO III): Additional information The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2008 Appendix XVI: 3 National regulatory information The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2008 Appendix XVI: 3 National regulatory information Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (4433/EC). Water contaminating class (D): 1 - slipitly water contaminating 15.2 Chemical safety assessment For the following substances of this insture a chemical safety assessment has been carried out: SECTION 16 : Other Information ADP: Accord européen ary to le transport des marchandises dangereuses par Route ADR: Accord européen ary to le transport des marchandises dangereuses par Route ADR: Accord européen ary to le transport Association (IATA) DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) (IAC): Therenational Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Advation Organization" (ICAO) GHS: Globally Harmonization (IAC): Therenational Code International Civil Aviation Organization" (ICAO) GHS: Globally Harmonization (IAC): Therenational Civil Aviation Organization" (ICAO) GHS: Globally Harmonization (IAC): Therenational Civil Aviation Congenization (IAC): The discust observed adverse effect level NOAEC: No observed adverse
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Information according to 2012/18/EU Not subject to 2012/18/EU (SEVESO III) (SEVESO III): Additional Information The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2006 Appendix XVII: 3 Mational regulatory information Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Water contaminating class (D): 1 - slightly water contaminating 152. Chemical adverts assessment For the following substances of this mixture a chemical safety assessment has been carried out: SECTION 16: Other information Rev. 10: [14.05.2014]. Initial release Rev. 1.1: (04.11.2016, Changes in chapter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16. Abbreviations and acronyms ADR: Accord auropten sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNE: L: Deviced No: Effect Level INCC: INTERNATIONAL ACENCY FOR RESEARCH ON CANCER IMDS: International Airi Transport Association IATA-DGF: Changerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-International Airi Transport Association IATA-DGF: Changerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-International Airi Transport Association IATA-DGF: Clanegrous Goods Regulations and Labelling of Chemicals GefStoffV: GethristOffwerse effect level LOAEC: Lowest observed adverse effect level NOAEC: No observed adver
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REACH 1907/2006 Appendix XVII: 3 National regulatory information Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Water contaminating class (D): 1 - slightly water contaminating 52. Chemical safety assessment For the following substances of this mixture a chemical safety assessment has been carried out: SECTON 16: Other information Changes Rev. 1.0: 14.05.2014, initial release Rev. 1.1: 04.11.2016, Changes in chapter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16. ADB: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Deriver No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMOS: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Air Transport Association" (IATA) ICAO: Ti: Technical Via Aviation Organization ICAO-TI: Technical System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAE: Lowest observed adverse effect level NOAE: No observed adverse effect level NOAE: No observed adverse effect level NOAE: No observed adverse ef
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SECTION 16: Other information Changes Rev. 1.0; 14.05.2014, Initial release Rev. 1.1; 04.11.2016, Changes in chapter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16. Abbreviations and acronyms ADR: Accord européents sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDC: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA: International Air Transport Association ICAO: International Civil Aviation Organization ICAO: The Technical Instructions by the "International Air Transport Association" (IATA) ICAO: The Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GelStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAE: Lowest observed adverse effect level LOAE: Lowest observed adverse effect level NOAEE: No observed adverse effect level NOAEE: No observed adverse effect level NOAE: No observed adverse effect level NAE: No observed adverse effect level NAE: No observed adverse effect level <td< td=""></td<>
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Rev. 1.0; 14.05.2014, Initial release Rev. 1.1; 04.11.2016, Changes in chapter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16. Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: TI: Technical Instructions by the "International Air Transport Association" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefanstroffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NOAE: No observed adverse effect level NA: not applicable OSHA: Occupational Safety and Health Administration PHE: predicted no effect concentration no SARA: Superfund Amendments and Reauthorization Act
Rev. 1.1; 04.11.2016, Changes in chapter: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16. Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IAR: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Civil Aviation Organization ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowes observed adverse effect level NOAEL: No observed adverse effect level NOAEL: No observed adverse effect level NA: not applicable OSHA: Occupational Safety and Health Administration PME: predicable on effect concernant le transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern RD: Réglement international Concernat le transport of Dangerous Goods by Rail)
Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GH5: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEC: Lowest observed adverse effect level LOAEC: No observed adverse effect level NOAEC: No observed adverse effect level NOAEC: No observed adverse effect level NA: not applicable OSHA: Occupational Safety and Health Administration PME: predicted no effect concentration PME: Persistent bioaccumulative toxic RD: Regulations Concerning the International Transport of Dangerous Goods by Rail (SARA: Superfund Amendments and Reauthorization Act VOC: volatile Organic Compounds WWWS: Verwaltungsvorschnift wassergefaehrdende
ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Maritime Code for Dangerous Goods IATA: DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Air Transport Association ICAO-TI: Technical Instructions by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect level NOAEL: No observed adverse effect level NOAEC: superfund Namendments and Reauthorization PRE: Predicted no effect concentration PRE: Geglement international Concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern TRGS Technische Regeln fuerGefahrstoffe TSGA: Toxic Substances Control Act VOC: Volatile Organic Compounds WWWS: Verwaltungsvorschrift wassergefaehrdender Stoffe WGK: Wassergefaehrdungsklasse Felevant H and EUH statements (number an
CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Air Transport Association ICAO-DER: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEC: No observed adverse effect level NOAEC: No abserved adverse effect level NOAEC: No abserved adverse effect level NOAEC: predicted no effect concentration PNET: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substances Control Act VOC: Volatile Organic Compounds VMVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe WGK: Wassergefaehrdungsklasse Relevant H and EUH statements (number and full text) H271 May cause fire or explosion; strong oxidiser. H302 Harmful if swallowed.
DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEL: Lowest observed adverse effect level LOAE: Lowest observed adverse effect level NOAEL: No observed adverse effect level NOAEL: No observed adverse effect level NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NOAEC: No observed adverse effect level NOAE: No observed adverse effect level NOAE: No observed adverse effect level NDAE: No observed adverse effect level NDAE: No observed adverse effect level NDA: Cocupational Safety and Health Administration PHE: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern TRGS Technische Regeln fuerGefahrstoffe TSCA: Toxic Substances Control Act VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe WGK: Wassergefaehrdungsklasse Relevant H and EUH statements (number and full text) H271 May cause fire or explosion; strong oxidiser. H302 Harmful if swallowed.
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according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe ASCHGRAU

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H314	Causes severe skin burns and eye damage.					
H319	Causes serious eye irritation.					
H332	Harmful if inhaled.					
H335	May cause respiratory irritation.					
Further Information	Further Information					
Classification according EC regulation 1272/2008 (CLP): - Classification procedure: Health hazards: Calculation method.						

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe ASCHGRAU

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH	
Street:	Ziegeleiweg 40	
Place:	D Goldberg	
Telephone:	+49 [0] 451 30 800 90	Telefax:+49 [0] 451 20 351 03
Responsible Department:	Dr. Gans-Eichler	e-mail: info@tge-consult.de
	Chemieberatung GmbH	Tel.: +49 (0)251/924520-60
	Raesfeldstr. 22	www.tge-consult.de
	D-48149 Münster	

1.4. Emergency telephone

number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis. INCI:

Tel.: +49 (0) 170 2450126

AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, AMMONIUM HYDROXIDE, SODIUM CETEARYL SULFATE, SODIUM SULFITE, LANOLIN, P-PHENYLENEDIAMINE, PARFUM, P-AMINOPHENOL, RESORCINOL, 2,6-DIAMINOPYRIDINE, HELIANTHUS ANUUS SEED OIL, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Serious eye damage/eye irritation: Eye Irrit. 2

according to Regulation (EC) No 1907/2006

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Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: Causes serious eye irritation.

Harmful to aquatic life with long lasting effects .

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word:

Pictograms:



Warning

Hazard statements

H319 H412 Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe ASCHGRAU

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 Precautionary statements

 P273
 Avoid release to the environment.

 P280
 Wear protective gloves/protective clothing/eye protection/face protection.

 P305+P351+P338
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to U

 P337+P313
 If eye irritation persists: Get medical advice/attention.

 P501
 Dispose of contents/container to in accordance with official regulations.

Special labelling of certain mixtures

EUH208 Contains p-phenylenediamine. May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization aqueous solution

Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification according to Regula	tion (EC) No. 1272/2008 [CLP]			
67762-27-0	Alcohols, C16-18			5 - < 10 %	
	267-008-6				
	Skin Irrit. 2, Eye Irrit. 2; H315 H31	9			
68603-38-3	Diethanolamine Oleic Acid Amide			1 - < 5 %	
	271-653-9		01-2119951823-33		
	Eye Dam. 1; H318				
1336-21-6	Ammonia %		< 1 %		
	215-647-6	007-001-01-2			
	Skin Corr. 1B, Aquatic Acute 1; H				
106-50-3	p-phenylenediamine		< 1 %		
	203-404-7	612-028-00-6			
	Acute Tox. 3, Acute Tox. 3, Acute Aquatic Chronic 1; H331 H311 H3	atic Acute 1 (M-Factor = 1),			
123-30-8	4-aminophenol			< 1 %	
	204-616-2	612-128-00-X			
	Muta. 2, Acute Tox. 4, Acute Tox. H332 H302 H400 H410	4, Aquatic Acute 1 (M-Factor = 1), Aq	uatic Chronic 1; H341		

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

according to Regulation (EC) No 1907/2006

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General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. See protective measures under point 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal . Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

according to Regulation (EC) No 1907/2006

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7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

The product is not: Combustible. Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls





Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber. Suitable material: CR (polychloroprenes, Chloroprene rubber). (0,5 mm) NBR (Nitrile rubber). (0,35 mm)

according to Regulation (EC) No 1907/2006

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FKM (fluororubber). (0,4 mm)

PVC (Polyvinyl chloride). (0,5 mm)

Butyl rubber. (0,5 mm)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: @0802.B008094

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

liquid	
not determined	
characteristic	
	not determined
	not determined
	not determined
	not determined
	not determined
	not determined
	not determined
	not determined
Ν	lo information available.
	not determined characteristic

according to Regulation (EC) No 1907/2006

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9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Reducing agent. Oxidizing agents. Substances and mixtures which, in contact with water, emit flammable gases

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
67762-27-0	Alcohols, C16-18								
	oral	LD50 mg/kg	10000	Rat	IUCLID				
	dermal	LD50 mg/kg	8000	Rabbit	IUCLID				
68603-38-3	Diethanolamine Oleic Ac	id Amide							
	oral	LD50 mg/kg	>5000		MSDS extern				
1336-21-6	Ammonia %								
	oral	LD50 mg/kg	(350)	Rat.	GESTIS				
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS				
106-50-3	p-phenylenediamine								
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier				
	dermal	ATE mg/kg	300						
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier				
	inhalative aerosol	ATE	0,5 mg/l						
123-30-8	4-aminophenol								
	oral	LD50 mg/kg	671	Rat	ECHA Dossier				
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier				
	inhalative vapour	ATE	11 mg/l						
	inhalative (4 h) aerosol	LC50 mg/l	>3,42	Rat	ECHA Dossier				

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met. p-phenylenediamine: Subchronic oral toxicity NOEL = 16 mg/kg (Rat.) 4-aminophenol: Subchronic oral toxicity NOEL = 10 mg/kg (Rat.) Lit.: ECHA dossier

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine: Ames test negative. OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) = negative. Developmental toxicity/teratogenicity NOAEL = 10 mg/kg (Rat.)

4-aminophenol: No experimental indications of mutagenicity in-vivo exist.

No indications of human carcinogenicity exist.

Developmental toxicity/teratogenicity NOAEL = 100 mg/kg (Rat.)

Diethanolamine Oleic Acid Amide:

No experimental indications of mutagenicity in-vitro exist.

Lit.: ECHA dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
68603-38-3	Diethanolamine Oleic Acie	d Amide		-			-	
	Acute fish toxicity	LC50 mg/l	>1 <=10	96 h		MSDS extern		
106-50-3	p-phenylenediamine							
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier		
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		
123-30-8	4-aminophenol							
	Acute fish toxicity	LC50 mg/l	0,82	96 h	Oryzias latipes (OECD 203)	ECHA Dossier		
	Acute algae toxicity	ErC50 mg/l	>0,253	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		
	Acute crustacea toxicity	EC50 mg/l	0,182	48 h	Daphnia magna (OECD 202)	ECHA Dossier		
	Fish toxicity	NOEC mg/l	0,55	41 d	Oryzias latipes (OECD 210)	ECHA Dossier		
	Crustacea toxicity	NOEC mg/l	0,206	21 d	Daphnia magna (OECD 202)	ECHA Dossier		
	Acute bacteria toxicity	(29,9 mg/	(1)	3 h	Activated sludge (OECD 209)	ECHA Dossier		

12.2. Persistence and degradability

No information available.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
123-30-8	4-aminophenol				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	6%	28	ECHA Dossier	
	Not readily biodegradable (according to OECD criteria	a)			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67762-27-0	Alcohols, C16-18	7,7
1336-21-6	Ammonia %	-1,38
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
123-30-8	4-aminophenol	-0,09

BCF

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

160305

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

Waste disposal number of waste from residues/unused products

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe ASCHGRAU

	E Augenbrauen- und Wimpernfarbe ASCHGRAU	D 44 44
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14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
Inland waterways transport (ADN)		
<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
Marine transport (IMDG)		
<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
Air transport (ICAO-TI/IATA-DGR)		
<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	no	
 <u>14.6. Special precautions for user</u> refer to chapter 6-8 <u>14.7. Transport in bulk according to Anne</u> 	ex II of Marpol and the IBC Code	
not relevant		
SECTION 15: Regulatory information		
15.1. Safety, health and environmental reg	gulations/legislation specific for the substance or mixture	
EU regulatory information		
2004/42/EC (VOC):	No information available.	
Additional information		
The preparation is dangerous in the This preparation is hazardous in the Not subject to regulation 96/82/EC.	sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juve work protection guideline' (94/33/EC).	enile
Water contaminating class (D):	2 - water contaminating	
15.2. Chemical safety assessment		
Chemical safety assessments for su	ubstances in this mixture were not carried out.	
SECTION 16: Other information		
Changes		
Rev. 1.0 Initial release 04.08.2017		

Rev. 1.0 Initial release 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe BLAUSCHWARZ

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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations
Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains p-phenylenediamine. May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety)

according to Regulation (EC) No 1907/2006

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe BLAUSCHWARZ

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH	
Street:	Ziegeleiweg 40	
Place:	D Goldberg	
Telephone:	+49 [0] 451 30 800 90	Telefax:+49 [0
Responsible Department:	Dr. Gans-Eichler	e-mail: info@tge-consult.de
	Chemieberatung GmbH	Tel.: +49 (0)251/924520-60
	Raesfeldstr. 22	www.tge-consult.de
	D-48149 Münster	
1.4. Emergency telephone	Tel.: +49 (0) 170 2450126	

<u>1.4. Emergency telephone</u> number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, P-PHENYLENEDIAMINE, SODIUM CETEARYL SULFATE, HELIANTHUS ANUUS SEED OIL, AMMONIUM HYDROXIDE, LANOLIN, 2,4-DIAMINOPHENOXYETHANOL SULFATE, SODIUM SULFITE, 2,6-DIAMINOPYRIDINE, PARFUM, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Respiratory or skin sensitisation: Skin Sens. 1 Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects .

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

p-phenylenediamine

[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate

Signal word:

Pictograms:



according to Regulation (EC) No 1907/2006

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Hazard statements		
H317	May cause an allergic skin reaction.	
H412	Harmful to aquatic life with long lasting effects.	
Precautionary stateme	nts	
P261	Avoid breathing vapour./Aerosol.	
P273	Avoid release to the environment.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P362+P364	Take off contaminated clothing and wash it before reuse.	
P501	Dispose of contents/container to in accordance with official regulations.	
Additional advice on la Labelling according t	belling to cosmetic directive.	

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name		Quantity					
	EC No	Index No	REACH No					
	Classification according to	Classification according to Regulation (EC) No. 1272/2008 [CLP]						
	Amides, C18-unsatd., N,N-	bis(hydroxyethyl)		1 - < 5 %				
	700-972-2		01-2119968565-22					
	Skin Irrit. 2, Eye Irrit. 2, Aqu	atic Chronic 2; H315 H319 H411						
106-50-3	p-phenylenediamine			1 - < 5 %				
	203-404-7	612-028-00-6						
		Acute Tox. 3, Eye Irrit. 2, Skin Se 311 H301 H319 H317 H400 H410	ens. 1, Aquatic Acute 1 (M-Factor = 1),					
1336-21-6	Ammonia %			< 1 %				
	215-647-6	007-001-01-2	01-2119488876-14					
	Skin Corr. 1B, STOT SE 3, H411	Aquatic Acute 1 (M-Factor = 1), A	quatic Chronic 2; H314 H335 H400					
70643-20-8	[4-(2-hydroxyethoxy)-1,3-pl	< 1 %						
	274-713-2							
	Acute Tox. 4, Eye Irrit. 2, S	kin Sens. 1, Aquatic Chronic 2; H3	302 H319 H317 H411					
141-86-6	2,6-Diaminopyridine			< 1 %				
	205-507-2							
	Acute Tox. 3; H301							

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

according to Regulation (EC) No 1907/2006

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General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

according to Regulation (EC) No 1907/2006

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Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. Do not breathe gas/vapour/aerosol. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

CAS No	Substance		-	
DNEL type		Exposure route	Effect	Value
	Amides, C18-unsatd., N,N-bis(hydroxyeth	nyl)		
Worker DNEL	, long-term	inhalation	systemic	73,44 mg/m ³
Worker DNEL	, long-term	dermal	systemic	4,16 mg/kg bw/day
Worker DNEL	, long-term	dermal	local	0,0312 mg/cm ²
Consumer DN	IEL, long-term	inhalation	systemic	21,73 mg/m ³
Consumer DN	IEL, long-term	dermal	systemic	2,5 mg/kg bw/day
Consumer DN	IEL, long-term	dermal	local	0,01873 mg/cm ²
Consumer DN	IEL, long-term	oral	systemic	6,25 mg/kg bw/day
1336-21-6	Ammonia %			
Worker DNEL	, long-term	dermal	systemic	6,8 mg/kg bw/day
Worker DNEL	, acute	dermal	systemic	6,8 mg/kg bw/day
Worker DNEL	, long-term	inhalation	systemic	47,6 mg/m³
Worker DNEL	, long-term	inhalation	local	14 mg/m³
Worker DNEL	, acute	inhalation	systemic	47,6 mg/m³
Worker DNEL	, acute	inhalation	local	36 mg/m³
Consumer DN	IEL, acute	dermal	systemic	68 mg/kg bw/day
Consumer DN	IEL, long-term	dermal	systemic	68 mg/kg bw/day
Consumer DN	IEL, long-term	inhalation	systemic	23,8 mg/m³
Consumer DN	IEL, long-term	inhalation	local	2,8 mg/m³
Consumer DN	IEL, acute	inhalation	systemic	23,8 mg/m³
Consumer DN	IEL, acute	inhalation	local	7,2 mg/m³
Consumer DN	IEL, long-term	oral	systemic	6,8 mg/kg bw/day
Consumer DN	IEL, acute	oral	systemic	6,8 mg/kg bw/day

PNEC values CAS No Substance Environmental compartment Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) Freshwater 0,007 mg/l Freshwater (intermittent releases) 0,032 mg/l Marine water 0,0007 mg/l Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg Micro-organisms in sewage treatment plants (STP) 830 mg/l 0,1262 mg/kg Soil 1336-21-6 Ammonia ... % Freshwater 0,0011 mg/l Freshwater (intermittent releases) 0,0068 mg/l Marine water 0,0011 mg/l 8.2. Exposure controls

according to Regulation (EC) No 1907/2006

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Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber.

Suitable material:

CR (polychloroprenes, Chloroprene rubber). (0,5 mm)

NBR (Nitrile rubber). (0,35 mm)

FKM (fluororubber). (0,4 mm)

PVC (Polyvinyl chloride). (0,5 mm)

Butyl rubber. (0,5 mm)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387)

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	not determined	
Odour:	characteristic	
pH-Value:		10-11 (50% in aqueous solution)
Changes in the physical state		
Melting point:		not determined

according to Regulation (EC) No 1907/2006

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Initial boiling point and boiling range:	not determined				
Flash point:	not determined				
Explosive properties none					
Lower explosion limits:	not determined				
Upper explosion limits:	not determined				
Ignition temperature:	not determined				
Decomposition temperature:	not determined				
Oxidizing properties none					
Vapour pressure:	not determined				
Density:	not determined				
Water solubility:	not determined				
Solubility in other solvents not determined					
Viscosity / dynamic:	not determined				
Viscosity / kinematic:	not determined				
Flow time:	not determined				
Vapour density:	not determined				
9.2. Other information					
Solid content:	not determined				

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name									
	Exposure route	Dose		Species	Source	Method				
	Amides, C18-unsatd., N,	Amides, C18-unsatd., N,N-bis(hydroxyethyl)								
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier					
106-50-3	p-phenylenediamine									
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier					
	dermal	ATE mg/kg	300							
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier					
	inhalative aerosol	ATE	0,5 mg/l							
1336-21-6	Ammonia %									
	oral	LD50 mg/kg	(350)	Rat.	GESTIS					
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS					
70643-20-8	[4-(2-hydroxyethoxy)-1,3	-phenylene]	diammonium	sulphate						
	oral	ATE mg/kg	500							
141-86-6	2,6-Diaminopyridine									
	oral	LD50 mg/kg	100	Rat.	MSDS extern					

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (p-phenylenediamine; [4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity: Exposure time: 2 years Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier

[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate (CAS No. 70643-20-8): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 20 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name								
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method		
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)								
	Acute fish toxicity	LC50	5,1 mg/l	96 h	Danio rerio	ECHA Dossier			
106-50-3	p-phenylenediamine								
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier			
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier			
1336-21-6	Ammonia %								
	Acute fish toxicity	LC50 mg/l	0,89	96 h	Oncorhynchus mykiss	MSDS external			
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	MSDS external			
	Crustacea toxicity	NOEC mg/l	0,79	3 0	Daphnia magna	MSDS external			
70643-20-8	[4-(2-hydroxyethoxy)-1,3-	ohenylene]c	liammonium s	ulphate					
	Acute algae toxicity	ErC50 mg/l	36,5	72 h	Pseudokirchnerella subcapitata	ECHA dossier			
	Acute crustacea toxicity	EC50 mg/l	7,40	48 h	Daphnia magna	ECHA dossier			

12.2. Persistence and degradability

CAS No	Chemical name						
	Method Value d Source						
	Evaluation						
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)						
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C 86% 28 ECHA Dossier						
	Readily biodegradable (according to OECD criteria).						

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
1336-21-6	Ammonia %	-1,38
70643-20-8	[4-(2-hydroxyethoxy)-1,3-phenylene]diammonium sulphate	-0,54
141-86-6	2,6-Diaminopyridine	0,25

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

according to Regulation (EC) No 1907/2006

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13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)			
<u>14.1. UN number:</u>	Not restricted		
14.2. UN proper shipping name:	Not restricted		
14.3. Transport hazard class(es):	Not restricted		
14.4. Packing group:	Not restricted		
Inland waterways transport (ADN)			
<u>14.1. UN number:</u>	Not restricted		
14.2. UN proper shipping name:	Not restricted		
14.3. Transport hazard class(es):	Not restricted		
14.4. Packing group:	Not restricted		
Marine transport (IMDG)			
<u>14.1. UN number:</u>	Not restricted		
14.2. UN proper shipping name:	Not restricted		
<u>14.3. Transport hazard class(es):</u>	Not restricted		
14.4. Packing group:	Not restricted		
Air transport (ICAO-TI/IATA-DGR)			
<u>14.1. UN number:</u>	Not restricted		
14.2. UN proper shipping name:	Not restricted		
14.3. Transport hazard class(es):	Not restricted		
14.4. Packing group:	Not restricted		
14.5. Environmental hazards			
ENVIRONMENTALLY HAZARDOUS:	no		

according to Regulation (EC) No 1907/2006

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14.6. Special precautions for user

Not restricted

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not restricted

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2010/75/EU (VOC):	not determined
2004/42/EC (VOC):	not determined
Information according to 2012/18/EU	Not subject to 2012/18/EU (SEVESO III)
(SEVESO III):	

Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2006 Appendix XVII, No (mixture): 3

National regulatory information

Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). 2 - water contaminating

Water contaminating class (D): <u>15.2. Chemical safety assessment</u>

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Rev. 1.00; Initial release: 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NTP: National Toxicology Program N/A: not applicable OSHA: Occupational Safety and Health Administration PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de

according to Regulation (EC) No 1907/2006

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fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act

SARA: Superiund Amendments and Real

SVHC: substance of very high concern TRGS Technische Regeln für Gefahrstoffe

TSCA: Toxic Substances Control Act

VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

SECTION 1: Identification of the substance/mixture and of the company/undertaking

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe BRAUN

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1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe BRAUN

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH	
Street:	Ziegeleiweg 40	
Place:	D Goldberg	
Telephone:	+49 [0] 451 30 800 90	Telefax:+49 [0] 451 20 351 03
Responsible Department:	Dr. Gans-Eichler	e-mail: info@tge-consult.de
	Chemieberatung GmbH	Tel.: +49 (0)251/924520-60
	Raesfeldstr. 22	www.tge-consult.de
	D-48149 Münster	
4. Emergency telephone	Tel.: +49 (0) 170 2450126	

number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, P-PHENYLENEDIAMINE, M-AMINOPHENOL, SODIUM CETEARYL SULFATE, HELIANTHUS ANUUS SEED OIL, AMMONIUM HYDROXIDE, RESORCINOL, LANOLIN, PARFUM, SODIUM SULFITE, P-AMINOPHENOL, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Respiratory or skin sensitisation: Skin Sens. 1 Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects .

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

p-phenylenediamine

1,3-benzenediol, resorcinol

Signal word:

Pictograms:



Warning

according to Regulation (EC) No 1907/2006

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Hazard statements		
H317	May cause an allergic skin reaction.	
H412	Harmful to aquatic life with long lasting effects.	
Precautionary statemer	nts	
P261	Avoid breathing vapour./Aerosol.	
P273	Avoid release to the environment.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P362+P364	Take off contaminated clothing and wash it before reuse.	
P501	Dispose of contents/container to in accordance with official regulations.	

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name		Quantity	
	EC No	Index No	REACH No	
	Classification according to			
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)			1 - < 5 %
	700-972-2		01-2119968565-22	
	Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2; H315 H319 H411			
106-50-3	p-phenylenediamine		1 - < 5 %	
	203-404-7	612-028-00-6		
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H331 H311 H301 H319 H317 H400 H410			
1336-21-6	Ammonia %		< 1 %	
	215-647-6	007-001-01-2	01-2119488876-14	
	Skin Corr. 1B, STOT SE 3, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 2; H314 H335 H400 H411			
108-46-3	1,3-benzenediol, resorcinol		< 1 %	
	203-585-2	604-010-00-1		
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, STOT SE 1, STOT SE 2, Aquatic Acute 1 (M-Factor = 1); H302 H315 H318 H317 H370 H371 H400			

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

according to Regulation (EC) No 1907/2006

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After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

according to Regulation (EC) No 1907/2006

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7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
108-46-3	Resorcinol	10	46		TWA (8 h)	WEL
		20	92		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

CAS No	Substance					
DNEL type		Exposure route	Effect	Value		
	Amides, C18-unsatd., N,N-bis(hydroxyet	nyl)				
Worker DNEL	, long-term	inhalation	systemic	73,44 mg/m ³		
Worker DNEL	, long-term	dermal	systemic	4,16 mg/kg bw/day		
Worker DNEL	, long-term	dermal	local	0,0312 mg/cm ²		
Consumer DN	EL, long-term	inhalation	systemic	21,73 mg/m ³		
Consumer DN	EL, long-term	dermal	systemic	2,5 mg/kg bw/day		
Consumer DN	EL, long-term	dermal	local	0,01873 mg/cm ²		
Consumer DN	EL, long-term	oral	systemic	6,25 mg/kg bw/day		
1336-21-6	Ammonia %		•			
Worker DNEL	, long-term	dermal	systemic	6,8 mg/kg bw/day		
Worker DNEL	, acute	dermal	systemic	6,8 mg/kg bw/day		
Worker DNEL	, long-term	inhalation	systemic	47,6 mg/m³		
Worker DNEL	, long-term	inhalation	local	14 mg/m³		
Worker DNEL	, acute	inhalation	systemic	47,6 mg/m³		
Worker DNEL	, acute	inhalation	local	36 mg/m ³		
Consumer DN	EL, acute	dermal	systemic	68 mg/kg bw/day		
Consumer DN	EL, long-term	dermal	systemic	68 mg/kg bw/day		
Consumer DN	EL, long-term	inhalation	systemic	23,8 mg/m³		
Consumer DN	EL, long-term	inhalation	local	2,8 mg/m³		
Consumer DN	EL, acute	inhalation	systemic	23,8 mg/m³		
Consumer DN	EL, acute	inhalation	local	7,2 mg/m³		
Consumer DN	EL, long-term	oral	systemic	6,8 mg/kg bw/day		
Consumer DN	EL, acute	oral	systemic	6,8 mg/kg bw/day		

PNEC values

CAS No	Substance	
Environmen	tal compartment	Value
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	
Freshwater		0,007 mg/l
Freshwater	(intermittent releases)	0,032 mg/l
Marine wate	er	0,0007 mg/l
Freshwater	sediment	0,2663 mg/kg
Marine sedi	ment	0,02663 mg/kg
Micro-organ	isms in sewage treatment plants (STP)	830 mg/l
Soil		0,1262 mg/kg
1336-21-6	Ammonia %	
Freshwater		0,0011 mg/l
Freshwater	(intermittent releases)	0,0068 mg/l
Marine wate		0,0011 mg/l

8.2. Exposure controls

according to Regulation (EC) No 1907/2006

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Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber.

Suitable material:

CR (polychloroprenes, Chloroprene rubber). (0,5 mm)

NBR (Nitrile rubber). (0,35 mm)

FKM (fluororubber). (0,4 mm)

PVC (Polyvinyl chloride). (0,5 mm)

Butyl rubber. (0,5 mm)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387)

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	not determined	
Odour:	characteristic	
pH-Value:	10-11 (50% in aqueous solution)	
Changes in the physical state Melting point:	not determined	

according to Regulation (EC) No 1907/2006

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Initial boiling point and boiling range:	not determined	
Flash point:	not determined	
Sustaining combustion:	Not sustaining combustion	
Explosive properties none		
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Ignition temperature:	not determined	
Decomposition temperature:	not determined	
Oxidizing properties none		
Vapour pressure:	not determined	
Density:	not determined	
Water solubility:	not determined	
Solubility in other solvents not determined		
Viscosity / dynamic:	not determined	
Viscosity / kinematic:	not determined	
Flow time:	not determined	
Vapour density:	not determined	
9.2. Other information		
Solid content:	not determined	

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
	Amides, C18-unsatd., N,	N-bis(hydro)	kyethyl)						
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier				
106-50-3	p-phenylenediamine								
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier				
	dermal	ATE mg/kg	300						
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier				
	inhalative aerosol	ATE	0,5 mg/l						
1336-21-6	Ammonia %								
	oral	LD50 mg/kg	(350)	Rat.	GESTIS				
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS				
108-46-3	1,3-benzenediol, resorcir	nol							
	oral	LD50 mg/kg	(510=	Rat	ECHA Dossier				
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier				
	inhalative (1 h) aerosol	LC50	(7,8) mg/l	Rat	ECHA Dossier				

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (p-phenylenediamine; 1,3-benzenediol, resorcinol)

Carcinogenic/mutagenic/toxic effects for reproduction

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier

3-aminophenol (CAS No. 591-27-5): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. / negative. Method: bacterial reversion assay, the WP2 Mutoxitest Result: negative. Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) Result: negative. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOEL = 100 mg/kg(bw)/day Literature information: ECHADossier

1,3-benzenediol, resorcinol (CAS No. 108-46-3):
In vitro mutagenicity/genotoxicity: Evidence for in vitro mutagenicity.
In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist.
Reproductive toxicity:
Exposure time: 18 month
Species: Rat.
Method: OECD Guideline 416
Result: NOAEL = 3000 mg/kg(bw)/day
Developmental toxicity/teratogenicity:
Exposure time: 20d
Species: Rat.
Method: OECD Guideline 414
Result: NOAEL = 250 mg/kg(bw)/day
Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity: Exposure time: 2 years Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier

3-aminophenol (CAS No. 591-27-5): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: no data Result: NOEL = 20 mg/kg(bw)/day Chronic dermal toxicity: Exposure time: 24 month Species: Rat. Method: no data Result: LOEL = 500 mg/kg Literature information: ECHA Dossier

1,3-benzenediol, resorcinol (CAS No. 108-46-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 80 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name									
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method			
	Amides, C18-unsatd., N,N	I-bis(hydroxy	ethyl)							
	Acute fish toxicity	LC50	5,1 mg/l	96 h	Danio rerio	ECHA Dossier				
106-50-3	p-phenylenediamine									
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier				
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier				
1336-21-6	Ammonia %									
	Acute fish toxicity	LC50 mg/l	0,89	96 h	Oncorhynchus mykiss	MSDS external				
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	MSDS external				
	Crustacea toxicity	NOEC mg/l	0,79	3 c	Daphnia magna	MSDS external				
108-46-3	1,3-benzenediol, resorcinol									
	Acute fish toxicity	LC50 mg/l	29,5	96 h	Pimephales promelas	ECHA Dossier				
	Acute algae toxicity	ErC50	>97 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA Dossier				
	Acute crustacea toxicity	EC50	1,0 mg/l	48 h	Daphnia magna	ECHA Dossier				
	Crustacea toxicity	NOEC mg/l	0,172	21 c	Daphnia magna	ECHA Dossier				
	Acute bacteria toxicity	(79 mg/l)		3 h	Activated sludge	ECHA Dossier				

12.2. Persistence and degradability

CAS No	Chemical name							
	Method	Value		d	Source			
	Evaluation							
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)							
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	86%	2	28	ECHA Dossier			
	Readily biodegradable (according to OECD criteria).							
108-46-3	1,3-benzenediol, resorcinol							
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	66,7%		10	ECHA Dossier			
	Readily biodegradable (according to OECD criteria).							

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
1336-21-6	Ammonia %	-1,38
108-46-3	1,3-benzenediol, resorcinol	0,93

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

according to Regulation (EC) No 1907/2006

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12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Marine transport (IMDG)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
<u>14.3. Transport hazard class(es):</u>	Not restricted
14.4. Packing group:	Not restricted
Air transport (ICAO-TI/IATA-DGR)	
<u>14.1. UN number:</u>	Not restricted

according to Regulation (EC) No 1907/2006

	according to Regulation (EC) No 1907/2000	
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14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	no	
14.6. Special precautions for user Not restricted		
14.7. <u>Transport in bulk according to Anne</u> Not restricted	c II of Marpol and the IBC Code	
SECTION 15: Regulatory information		
<u>15.1.</u> Safety, health and environmental reg	ulations/legislation specific for the substance or mixture	
EU regulatory information		
2010/75/EU (VOC):	not determined	
2004/42/EC (VOC):	not determined	
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)	
Additional information		
The mixture is classified as hazardou REACH 1907/2006 Appendix XVII, N	s according to regulation (EC) No 1272/2008 [CLP]. o (mixture): 3	
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juve work protection guideline' (94/33/EC).	enile
Water contaminating class (D):	2 - water contaminating	
15.2. Chemical safety assessment		
Chemical safety assessments for sub	stances in this mixture were not carried out.	
SECTION 16: Other information		
Changes		
Rev. 1.00; Initial release: 04.08.2017		
Abbreviations and acronyms	ort des marchandises dangereuses par Route	
CAS Chemical Abstracts Service	n des materialidises dangeredses par Node	
DNEL: Derived No Effect Level		
IARC: INTERNATIONAL AGENCY F	OR RESEARCH ON CANCER	
IMDG: International Maritime Code for IATA: International Air Transport Ass	•	
•	ations by the "International Air Transport Association" (IATA)	
ICAO: International Civil Aviation Org		
-	e "International Civil Aviation Organization" (ICAO)	
	f Classification and Labelling of Chemicals	
	rdinance on Hazardous Substances, Germany)	
LOAEL: Lowest observed adverse of		
LOAEC: Lowest observed adverse ef LC50: Lethal concentration, 50 perce		
LD50: Lethal dose, 50 percent	· · ·	
NOAEL: No observed adverse effect	level	
NOAEC: No observed adverse effect	level	

NOAEC: No observed adverse effect level

according to Regulation (EC) No 1907/2006

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NTP: National Toxicology Program

N/A: not applicable OSHA: Occupational Safety and Health Administration PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern TRGS Technische Regeln für Gefahrstoffe TSCA: Toxic Substances Control Act VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe WGK: Wassergefährdungsklasse Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs (central nervous system; blood).
H371	May cause damage to organs (respiratory system).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe TIEFSCHWARZ

according to Regulation (EC) No 1907/2006

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 1.2. Relevant identified uses of the substance or mixture and uses advised against
 Use of the substance/mixture

Cosmetics

Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name: Street: Place:	Biosmetics GmbH Ziegeleiweg 40 D Goldberg	
Telephone: Responsible Department:	+49 [0] 451 30 800 90 Dr. Gans-Eichler Chemieberatung GmbH Raesfeldstr. 22 D-48149 Münster	Telefax:+49 [0] 451 20 351 03 e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60 www.tge-consult.de
<u>1.4. Emergency telephone</u> number:	Tel.: +49 (0) 170 2450126	

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, P-PHENYLENEDIAMINE, OLEAMIDE DEA, SODIUM CETEARYL SULFATE, M-AMINOPHENOL, AMMONIUM HYDROXIDE, HELIANTHUS ANNUUS SEED OIL, LANOLIN, PARFUM, SODIUM SULFITE, 2,6-DIAMINOPYRIDINE, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Respiratory or skin sensitisation: Skin Sens. 1 Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects .

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling p-phenylenediamine

Signal word:

Pictograms:



Hazard statements H317

May cause an allergic skin reaction.

according to Regulation (EC) No 1907/2006

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H412	Harmful to aquatic life with long lasting effects.	
Precautionary stateme	nts	
P261	Avoid breathing vapour./Aerosol.	
P273	Avoid release to the environment.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P362+P364	Take off contaminated clothing and wash it before reuse.	
P501	Dispose of contents/container to in accordance with official regulations.	
Additional advice on la	belling	

Labelling according to cosmetic directive.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according	to Regulation (EC) No. 1272/2008 [C	CLP]	
106-50-3	p-phenylenediamine			1 - < 5 %
	203-404-7	612-028-00-6		
	-	a. 3, Acute Tox. 3, Eye Irrit. 2, Skin Se I H311 H301 H319 H317 H400 H410	ens. 1, Aquatic Acute 1 (M-Factor = 1),	
	Amides, C18-unsatd., N	1 - < 5 %		
	700-972-2		01-2119968565-22	
	Skin Irrit. 2, Eye Irrit. 2,			
1336-21-6	Ammonia %	< 1 %		
	215-647-6	007-001-01-2	01-2119488876-14	
	Skin Corr. 1B, STOT SE H411			
141-86-6	2,6-Diaminopyridine	< 1 %		
	205-507-2			
	Acute Tox. 3; H301			

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms,

according to Regulation (EC) No 1907/2006

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especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

according to Regulation (EC) No 1907/2006

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Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. Do not breathe gas/vapour/aerosol. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

CAS No	Substance					
DNEL type		Exposure route	Effect	Value		
	Amides, C18-unsatd., N,N-bis(hydroxyethy	/I)				
Worker DNEL	, long-term	inhalation	systemic	73,44 mg/m ³		
Worker DNEL	, long-term	dermal	systemic	4,16 mg/kg bw/day		
Worker DNEL	, long-term	dermal	local	0,0312 mg/cm ²		
Consumer DN	IEL, long-term	inhalation	systemic	21,73 mg/m ³		
Consumer DN	IEL, long-term	dermal	systemic	2,5 mg/kg bw/day		
Consumer DN	IEL, long-term	dermal	local	0,01873 mg/cm ²		
Consumer DN	IEL, long-term	oral	systemic	6,25 mg/kg bw/day		
1336-21-6	Ammonia %					
Worker DNEL	, long-term	dermal	systemic	6,8 mg/kg bw/day		
Worker DNEL	, acute	dermal	systemic	6,8 mg/kg bw/day		
Worker DNEL	, long-term	inhalation	systemic	47,6 mg/m³		
Worker DNEL	, long-term	inhalation	local	14 mg/m³		
Worker DNEL	, acute	inhalation	systemic	47,6 mg/m³		
Worker DNEL	, acute	inhalation	local	36 mg/m³		
Consumer DN	IEL, acute	dermal	systemic	68 mg/kg bw/day		
Consumer DN	IEL, long-term	dermal	systemic	68 mg/kg bw/day		
Consumer DN	IEL, long-term	inhalation	systemic	23,8 mg/m ³		
Consumer DN	IEL, long-term	inhalation	local	2,8 mg/m³		
Consumer DN	IEL, acute	inhalation	systemic	23,8 mg/m³		
Consumer DN	IEL, acute	inhalation	local	7,2 mg/m³		
Consumer DN	IEL, long-term	oral	systemic	6,8 mg/kg bw/day		
Consumer DN	IEL. acute	oral	systemic	6,8 mg/kg bw/day		

PNEC values

CAS No	Substance						
Environmen	tal compartment	Value					
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	•					
Freshwater		0,007 mg/l					
Freshwater	(intermittent releases)	0,032 mg/l					
Marine wate	r	0,0007 mg/l					
Freshwater	sediment	0,2663 mg/kg					
Marine sedii	ment	0,02663 mg/kg					
Micro-organ	isms in sewage treatment plants (STP)	830 mg/l					
Soil		0,1262 mg/kg					
1336-21-6	Ammonia %						
Freshwater		0,0011 mg/l					
Freshwater	(intermittent releases)	0,0068 mg/l					
Marine wate	r	0,0011 mg/l					

according to Regulation (EC) No 1907/2006

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8.2. Exposure controls





Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored separately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber.
Suitable material:
CR (polychloroprenes, Chloroprene rubber). (0,5 mm)
NBR (Nitrile rubber). (0,35 mm)
FKM (fluororubber). (0,4 mm)
PVC (Polyvinyl chloride). (0,5 mm)
Butyl rubber. (0,5 mm)
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387) Type :A/P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	not determined
Odour:	characteristic

pH-Value:

Test method

not determined

Changes in the physical state

according to Regulation (EC) No 1907/2006

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Melting point:	not determined						
Initial boiling point and boiling range:	not determined						
Flash point:	not determined						
Explosive properties none							
Lower explosion limits:	not determined						
Upper explosion limits:	not determined						
Ignition temperature:	not determined						
Decomposition temperature:	not determined						
Oxidizing properties none							
Vapour pressure:	not determined						
Density:	not determined						
Water solubility:	not determined						
Solubility in other solvents not determined							
Viscosity / dynamic:	not determined						
Viscosity / kinematic:	not determined						
Flow time:	not determined						
Vapour density:	not determined						
9.2. Other information							
Solid content:	not determined						

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name									
	Exposure route	Dose		Species	Source	Method				
106-50-3	p-phenylenediamine									
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier					
	dermal	ATE mg/kg	300							
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier					
	inhalative aerosol	ATE	0,5 mg/l							
	Amides, C18-unsatd., N,	N-bis(hydro:	xyethyl)							
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier					
1336-21-6	Ammonia %									
	oral	LD50 mg/kg	(350)	Rat.	GESTIS					
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS					
141-86-6	2,6-Diaminopyridine				-					
	oral	LD50 mg/kg	100	Rat.	RTECS					

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (p-phenylenediamine)

Carcinogenic/mutagenic/toxic effects for reproduction

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier

3-aminophenol (CAS No. 591-27-5): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. / negative. Method: bacterial reversion assay, the WP2 Mutoxitest Result: negative. Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) Result: negative. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOEL = 100 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity: Exposure time: 2 years Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe TIEFSCHWARZ Revision date: 04.08.2017 Product code: Page 11 of 14 Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier 3-aminophenol (CAS No. 591-27-5): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: no data Result: NOEL = 20 mg/kg(bw)/day Chronic dermal toxicity: Exposure time: 24 month Species: Rat. Method: no data Result: LOEL = 500 mg/kg Literature information: ECHA Dossier Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
106-50-3	p-phenylenediamine							
	, , , , , , , , , , , , , , , , , , ,			Oncorhynchus mykiss (OECD 203)	ECHA Dossier			
	Acute algae toxicity	ErC50 mg/l	0,478	72 ł	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)							
	Acute fish toxicity	LC50	5,1 mg/l	96 ł	Danio rerio	ECHA Dossier		
1336-21-6	Ammonia %							
	Acute fish toxicity	LC50 mg/l	0,89	96 H	Oncorhynchus mykiss	MSDS external		
	Acute crustacea toxicity	EC50	101 mg/l	48 ł	Daphnia magna	MSDS external		
	Crustacea toxicity	NOEC mg/l	0,79	3 0	Daphnia magna	MSDS external		

according to Regulation (EC) No 1907/2006

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12.2. Persistence and degradability

CAS No	Chemical name						
	Method Value d Source						
	Evaluation						
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	Amides, C18-unsatd., N,N-bis(hydroxyethyl)					
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	86%	28	ECHA Dossier			
	Readily biodegradable (according to OECD criteria).						

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
1336-21-6	Ammonia %	-1,38
141-86-6	2,6-Diaminopyridine	0,25

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products 070601 WASTES FROM ORGANIC CHEMICAL PROCESSES

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

according to Regulation (EC) No 1907/2006

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Product code:

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SECTION 14: Transport information

Land transport (ADR/RID)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Inland waterways transport (ADN)	
14.1. UN number:	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Marine transport (IMDG)	
14.1. UN number:	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Air transport (ICAO-TI/IATA-DGR)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
<u>14.5. Environmental hazards</u>	
ENVIRONMENTALLY HAZARDOUS:	no
14.6. Special precautions for user Not restricted	
14.7. Transport in bulk according to Annex	x II of Marpol and the IBC Code
Not restricted	
SECTION 15: Regulatory information	
15.1. Safety, health and environmental regu	llations/legislation specific for the substance or mixture
EU regulatory information	
2010/75/EU (VOC):	not determined
2004/42/EC (VOC): Information according to 2012/18/EU (SEVESO III):	not determined Not subject to 2012/18/EU (SEVESO III)
Additional information	
The mixture is classified as hazardous REACH 1907/2006 Appendix XVII, No.	s according to regulation (EC) No 1272/2008 [CLP]. o (mixture): 3
National regulatory information	
Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Water contaminating class (D):	2 - water contaminating
15.2. Chemical safety assessment	
Chemical safety assessments for sub	stances in this mixture were not carried out.

Chemical safety assessments for substances in this mixture were not carried out.

according to Regulation (EC) No 1907/2006

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SECTION 16: Other information

Changes

Rev. 1.00; Initial release: 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NTP: National Toxicology Program N/A: not applicable OSHA: Occupational Safety and Health Administration PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of verv high concern TRGS Technische Regeln für Gefahrstoffe TSCA: Toxic Substances Control Act VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe WGK: Wassergefährdungsklasse Relevant H and EUH statements (number and full text) H301 Toxic if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage.

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product

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named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe GRAFIT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH
Street:	Ziegeleiweg 40
Place:	D Goldberg
Telephone:	+49 [0] 451 30 800 90
Responsible Department:	Dr. Gans-Eichler
	Chemieberatung GmbH
	Raesfeldstr. 22
	D-48149 Münster
4. Emergency telephone	Tel.: +49 (0) 170 2450126

Telefax:+49 [0] 451 | 20 351 03 e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60 www.tge-consult.de

<u>1.4. Emergency telephone</u> number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, P-PHENYLENEDIAMINE, SODIUM CETEARYL SULFATE, HELIANTHUS ANUUS SEED OIL, AMMONIUM HYDROXIDE, LANOLIN, P-AMINOPHENOL, SODIUM SULFITE, RESORCINOL, 2,6-DIAMINOPYRIDINE, PARFUM, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: Harmful to aquatic life with long lasting effects .

2.2. Label elements

H412

Regulation (EC) No. 1272/2008

Hazard statements

Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to in accordance with official regulations

according to Regulation (EC) No 1907/2006

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Special labelling of certain mixtures EUH208 Contains p-

208 Contains p-phenylenediamine. May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

according to Regulation (EC) No 1907/2006

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according	to Regulation (EC) No. 1272/2008 [C	ELP]	
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)			
	700-972-2		01-2119968565-22	
	Skin Irrit. 2, Eye Irrit. 2,	Aquatic Chronic 2; H315 H319 H411		
123-30-8	4-aminophenol			< 1 %
	204-616-2	612-128-00-X		
	Muta. 2, Acute Tox. 4, A H332 H302 H400 H410			
1336-21-6	Ammonia %			< 1 %
	215-647-6	007-001-01-2	01-2119488876-14	
	Skin Corr. 1B, STOT S H411			
106-50-3	p-phenylenediamine			< 1 %
	203-404-7	612-028-00-6		
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H331 H311 H301 H319 H317 H400 H410			

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

according to Regulation (EC) No 1907/2006

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4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

according to Regulation (EC) No 1907/2006

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Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

CAS No	Substance				
DNEL type		Exposure route	Effect	Value	
	Amides, C18-unsatd., N,N-bis(hydroxyeth	yl)			
Worker DNE	L, long-term	inhalation	systemic	73,44 mg/m³	
Worker DNE	L, long-term	dermal	systemic	4,16 mg/kg bw/day	
Worker DNE	L, long-term	dermal	local	0,0312 mg/cm ²	
Consumer D	NEL, long-term	inhalation	systemic	21,73 mg/m ³	
Consumer D	NEL, long-term	dermal	systemic	2,5 mg/kg bw/day	
Consumer D	NEL, long-term	dermal	local	0,01873 mg/cm ²	
Consumer D	NEL, long-term	oral	systemic	6,25 mg/kg bw/day	
1336-21-6	Ammonia %				
Worker DNE	L, long-term	dermal	systemic	6,8 mg/kg bw/da	
Worker DNE	L, acute	dermal	systemic	6,8 mg/kg bw/da	
Worker DNE	L, long-term	inhalation	systemic	47,6 mg/m³	
Worker DNE	L, long-term	inhalation	local	14 mg/m³	
Worker DNE	L, acute	inhalation	systemic	47,6 mg/m³	
Worker DNEL, acute		inhalation	local	36 mg/m³	
Consumer D	NEL, acute	dermal	systemic	68 mg/kg bw/day	
Consumer DNEL, long-term		dermal	systemic	68 mg/kg bw/day	
Consumer D	NEL, long-term	inhalation	systemic	23,8 mg/m³	
Consumer D	NEL, long-term	inhalation	local	2,8 mg/m³	
Consumer D	NEL, acute	inhalation	systemic	23,8 mg/m³	
Consumer D	NEL, acute	inhalation	local	7,2 mg/m³	
Consumer D	NEL, long-term	oral	systemic	6,8 mg/kg bw/day	
Consumer D	NEL, acute	oral	systemic	6,8 mg/kg bw/day	
PNEC value	es				
CAS No	Substance				
Environmenta	al compartment			Value	
	Amides, C18-unsatd., N,N-bis(hydroxyeth	yl)			
Freshwater				0,007 mg/l	
Freshwater (intermittent releases)			0,032 mg/l		
Marine water			0,0007 mg/l		
Freshwater sediment				0,2663 mg/kg	
Marine sedim	nent			0,02663 mg/kg	
Micro-organis	sms in sewage treatment plants (STP)			830 mg/l	
Soil	Soil				

Soil		0,1262 mg/kg
1336-21-6	Ammonia %	
Freshwater		0,0011 mg/l
Freshwater (ir	ntermittent releases)	0,0068 mg/l
Marine water		0,0011 mg/l

8.2. Exposure controls

according to Regulation (EC) No 1907/2006

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Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber.
Suitable material:
CR (polychloroprenes, Chloroprene rubber). (0,5 mm)
NBR (Nitrile rubber). (0,35 mm)
FKM (fluororubber). (0,4 mm)
PVC (Polyvinyl chloride). (0,5 mm)
Butyl rubber. (0,5 mm)
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387)

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Colour: Odour: pH-Value:	liquid not determined characteristic	not determined
Changes in the physical state		not determined
Melting point:		not determined
Initial boiling point and boiling range:		not determined

according to Regulation (EC) No 1907/2006

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Flash point:	not determined	
Sustaining combustion:	Not sustaining combustion	
Explosive properties none		
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Ignition temperature:	not determined	
Decomposition temperature:	not determined	
Oxidizing properties none		
Vapour pressure:	not determined	
Density:	not determined	
Water solubility:	not determined	
Solubility in other solvents not determined		
Viscosity / dynamic:	not determined	
Viscosity / kinematic:	not determined	
Flow time:	not determined	
Vapour density:	not determined	
9.2. Other information		
Solid content:	not determined	

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

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CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)					
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	
123-30-8	4-aminophenol					
	oral	LD50 mg/kg	671	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier	
	inhalative vapour	ATE	11 mg/l			
	inhalative (4 h) aerosol	LC50 mg/l	>3,42	Rat	ECHA Dossier	
1336-21-6	Ammonia %					
	oral	LD50 mg/kg	(350)	Rat.	GESTIS	
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS	
106-50-3	p-phenylenediamine					
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier	
	dermal	ATE mg/kg	300			
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier	
	inhalative aerosol	ATE	0,5 mg/l			

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier 4-aminophenol (CAS No. 123-30-8): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. In vivo mutagenicity/genotoxicity: Method: OECD Guideline 486 (Unscheduled DNA Synthesis (UDS) Test with Mammalian Liver Cells in vivo) Result: negative.

Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) Result: positive. Carcinogenicity: Exposure time: 102 weeks Species: Rat. Method: OECD Guideline 451 Result: NOEC = 30 mg/kg(bw)/day Reproductive toxicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100 mg/kg(bw)/day Developmental toxicity/teratogenicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity: Exposure time: 2 years Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier

4-aminophenol (CAS No. 123-30-8): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOEL = 10 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
	Amides, C18-unsatd., N,N	l-bis(hydrox	yethyl)					
	Acute fish toxicity	LC50	5,1 mg/l	96 h	Danio rerio	ECHA Dossier		
123-30-8	4-aminophenol							
	Acute fish toxicity	LC50 mg/l	0,82	96 h	Oryzias latipes (OECD 203)	ECHA Dossier		
	Acute algae toxicity	ErC50 mg/l	>0,253	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		
	Acute crustacea toxicity	EC50 mg/l	0,182	48 h	Daphnia magna (OECD 202)	ECHA Dossier		
	Fish toxicity	NOEC mg/l	0,55	41 d	Oryzias latipes (OECD 210)	ECHA Dossier		
	Crustacea toxicity	NOEC mg/l	0,206	21 d	Daphnia magna (OECD 202)	ECHA Dossier		
	Acute bacteria toxicity	(29,9 mg	J/I)	3 h	Activated sludge (OECD 209)	ECHA Dossier		
1336-21-6	Ammonia %							
	Acute fish toxicity	LC50 mg/l	0,89	96 h	Oncorhynchus mykiss	MSDS external		
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	MSDS external		
	Crustacea toxicity	NOEC mg/l	0,79	3 d	Daphnia magna	MSDS external		
106-50-3	p-phenylenediamine							
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier		
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		

12.2. Persistence and degradability

CAS No	Chemical name							
	Method Value d Source							
	Evaluation							
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)							
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C 86% 28 ECHA Dossier							
	Readily biodegradable (according to OECD criteria).							
123-30-8	4-aminophenol							
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F 6% 28 ECHA Dossier							
	Not readily biodegradable (according to OECD criteria)							

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
123-30-8	4-aminophenol	-0,09
1336-21-6	Ammonia %	-1,38
106-50-3	p-phenylenediamine	-0.839 pH = 8,5

according to Regulation (EC) No 1907/2006

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BCF

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

• • •	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Marine transport (IMDG)	

according to Regulation (EC) No 1907/2006

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<u>14.1. UN number:</u>	Not restricted				
14.2. UN proper shipping name:	Not restricted				
14.3. Transport hazard class(es):	Not restricted				
14.4. Packing group:	Not restricted				
Air transport (ICAO-TI/IATA-DGR)					
<u>14.1. UN number:</u>	Not restricted				
14.2. UN proper shipping name:	Not restricted				
14.3. Transport hazard class(es):	Not restricted				
14.4. Packing group:	Not restricted				
<u>14.5. Environmental hazards</u>					
ENVIRONMENTALLY HAZARDOUS:	no				
14.6. Special precautions for user Not restricted					
14.7. Transport in bulk according to Anne	ex II of Marpol and the IBC Code				
Not restricted					
SECTION 15: Regulatory information					
15.1. Safety, health and environmental reg	ulations/legislation specific for the substance or mixture				
EU regulatory information					
2010/75/EU (VOC):	not determined				
2004/42/EC (VOC):	not determined				
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)				
Additional information					
The mixture is classified as hazardo REACH 1907/2006 Appendix XVII, N	us according to regulation (EC) No 1272/2008 [CLP]. No (mixture): 3				
National regulatory information					
Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juve work protection guideline' (94/33/EC).	mile			
Water contaminating class (D):	2 - water contaminating				
15.2. Chemical safety assessment					
Chemical safety assessments for su	bstances in this mixture were not carried out.				
SECTION 16: Other information					
Changes Rev. 1.00; Initial release: 04.08.2017	7				
Abbreviations and acronyms					
-	ort des marchandises dangereuses par Route				

igereuses par ianuises dai CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

according to Regulation (EC) No 1907/2006

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NTP: National Toxicology Program N/A: not applicable OSHA: Occupational Safety and Health Administration PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern TRGS Technische Regeln für Gefahrstoffe **TSCA:** Toxic Substances Control Act VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe WGK: Wassergefährdungsklasse Relevant H and EUH statements (number and full text) H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. Causes severe skin burns and eye damage. H314 H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. Toxic if inhaled. H331 Harmful if inhaled. H332 May cause respiratory irritation. H335 H341 Suspected of causing genetic defects.

- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH208 Contains p-phenylenediamine. May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe MITTELBLOND

according to Regulation (EC) No 1907/2006

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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name: Street: Place:	Biosmetics GmbH Ziegeleiweg 40 D Goldberg	
Telephone: Responsible Department:	+49 [0] 451 30 800 90 Dr. Gans-Eichler Chemieberatung GmbH Raesfeldstr. 22 D-48149 Münster	Telefax:+49 [0] 451 20 351 03 e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60 www.tge-consult.de
<u>1.4. Emergency telephone</u> number:	Tel.: +49 (0) 170 2450126	

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis. INCI:

AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, AMMONIUM HYDROXIDE, SODIUM CETEARYL SULFATE, HELIANTHUS ANUUS SEED OIL, SODIUM SULFITE, LANOLIN, P-PHENYLENEDIAMINE, PARFUM, P-AMINOPHENOL, RESORCINOL, 2,6-DIAMINOPYRIDINE, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Serious eye damage/eye irritation: Eye Irrit. 2 Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: Causes serious eye irritation. Harmful to aquatic life with long lasting effects .

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements	
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

according to Regulation (EC) No 1907/2006

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 Precautionary statements
 P273
 Avoid release to the environment.

 P280
 Wear protective gloves/protective clothing/eye protection/face protection.

 P305+P351+P338
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to U. Continue rinsing.

 P337+P313
 If eye irritation persists: Get medical advice/attention.

 P501
 Dispose of contents/container to in accordance with official regulations.

Special labelling of certain mixtures

EUH208 Contains p-phenylenediamine. May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization aqueous solution

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regula	tion (EC) No. 1272/2008 [CLP]		
67762-27-0	Alcohols, C16-18			5 - < 10 %
	267-008-6			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319)		
68603-38-3	Diethanolamine Oleic Acid Amide			1 - < 5 %
	271-653-9		01-2119951823-33	
	Eye Dam. 1; H318	-		
1336-21-6	Ammonia %		< 1 %	
	215-647-6	007-001-01-2		
	Skin Corr. 1B, Aquatic Acute 1; H3			
106-50-3	p-phenylenediamine		< 1 %	
	203-404-7	612-028-00-6		
	Acute Tox. 3, Acute Tox. 3, Acute Aquatic Chronic 1; H331 H311 H3	atic Acute 1 (M-Factor = 1),		
123-30-8	4-aminophenol		< 1 %	
	204-616-2	612-128-00-X		
	Muta. 2, Acute Tox. 4, Acute Tox. H332 H302 H400 H410	uatic Chronic 1; H341		

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

according to Regulation (EC) No 1907/2006

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General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. See protective measures under point 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal . Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

according to Regulation (EC) No 1907/2006

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7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

The product is not: Combustible. Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber. Suitable material: CR (polychloroprenes, Chloroprene rubber). (0,5 mm) NBR (Nitrile rubber). (0,35 mm)



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FKM (fluororubber). (0,4 mm)

PVC (Polyvinyl chloride). (0,5 mm)

Butyl rubber. (0,5 mm)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: @0802.B008094

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

liquid	
not determined	
characteristic	
	not determined
	not determined
	not determined
	not determined
	not determined
	not determined
	not determined
	not determined
1	No information available.
	not determined characteristic

according to Regulation (EC) No 1907/2006

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9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Reducing agent. Oxidizing agents. Substances and mixtures which, in contact with water, emit flammable gases

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
67762-27-0	Alcohols, C16-18	Alcohols, C16-18							
	oral	LD50 mg/kg	10000	Rat	IUCLID				
	dermal	LD50 mg/kg	8000	Rabbit	IUCLID				
68603-38-3	Diethanolamine Oleic Ac	id Amide							
	oral	LD50 mg/kg	>5000		MSDS extern				
1336-21-6	Ammonia %								
	oral	LD50 mg/kg	(350)	Rat.	GESTIS				
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS				
106-50-3	p-phenylenediamine								
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier				
	dermal	ATE mg/kg	300						
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier				
	inhalative aerosol	ATE	0,5 mg/l						
123-30-8	4-aminophenol								
	oral	LD50 mg/kg	671	Rat	ECHA Dossier				
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier				
	inhalative vapour	ATE	11 mg/l						
	inhalative (4 h) aerosol	LC50 mg/l	>3,42	Rat	ECHA Dossier				

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met. p-phenylenediamine: Subchronic oral toxicity NOEL = 16 mg/kg (Rat.) 4-aminophenol: Subchronic oral toxicity NOEL = 10 mg/kg (Rat.) Lit.: ECHA dossier

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine: Ames test negative. OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) = negative. Developmental toxicity/teratogenicity NOAEL = 10 mg/kg (Rat.) 4-aminophenol: No experimental indications of mutagenicity in-vivo exist. No indications of human carcinogenicity exist. Developmental toxicity/teratogenicity NOAEL = 100 mg/kg (Rat.) Diethanolamine Oleic Acid Amide: No experimental indications of mutagenicity in-vitro exist.

Lit.: ECHA dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
68603-38-3	Diethanolamine Oleic Acie	d Amide		-			-
	Acute fish toxicity	LC50 mg/l	>1 <=10	96 h		MSDS extern	
106-50-3	p-phenylenediamine						
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier	
123-30-8	4-aminophenol						
	Acute fish toxicity	LC50 mg/l	0,82	96 h	Oryzias latipes (OECD 203)	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	>0,253	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	0,182	48 h	Daphnia magna (OECD 202)	ECHA Dossier	
	Fish toxicity	NOEC mg/l	0,55	41 c	Oryzias latipes (OECD 210)	ECHA Dossier	
	Crustacea toxicity	NOEC mg/l	0,206	21 c	Daphnia magna (OECD 202)	ECHA Dossier	
	Acute bacteria toxicity	(29,9 mg/	1)	3 h	Activated sludge (OECD 209)	ECHA Dossier	

12.2. Persistence and degradability

No information available.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
123-30-8	4-aminophenol				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	6%	28	ECHA Dossier	
	Not readily biodegradable (according to OECD criteria	a)			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67762-27-0	Alcohols, C16-18	7,7
1336-21-6	Ammonia %	-1,38
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
123-30-8	4-aminophenol	-0,09

BCF

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted

according to Regulation (EC) No 1907/2006

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14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
nland waterways transport (ADN)		
<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
Marine transport (IMDG)		
<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
Air transport (ICAO-TI/IATA-DGR)		
14.1. UN number:	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
4.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	no	
14.6. Special precautions for user refer to chapter 6-8		
 4.6. Special precautions for user refer to chapter 6-8 4.7. Transport in bulk according to Ann not relevant 	nex II of Marpol and the IBC Code	
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 	nex II of Marpol and the IBC Code	
 4.6. Special precautions for user refer to chapter 6-8 4.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 	nex II of Marpol and the IBC Code	
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Annot relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental restriction 	nex II of Marpol and the IBC Code	
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental reference EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the This preparation is hazardous in the 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Annot not relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental reference EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the This preparation is hazardous in the Not subject to regulation 96/82/EC. 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	
 I4.6. Special precautions for user refer to chapter 6-8 I4.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information I5.1. Safety, health and environmental reference EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the This preparation is hazardous in the Not subject to regulation 96/82/EC. National regulatory information 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	venile
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental reference EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the This preparation is hazardous in the Not subject to regulation 96/82/EC. 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	venile
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental reference EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the This preparation is hazardous in the Not subject to regulation 96/82/EC. National regulatory information 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	venile
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental reference EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the This preparation is hazardous in the Not subject to regulation 96/82/EC. National regulatory information Employment restrictions: Water contaminating class (D): 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	venile
 14.6. Special precautions for user refer to chapter 6-8 14.7. Transport in bulk according to Ann not relevant SECTION 15: Regulatory information 15.1. Safety, health and environmental rest EU regulatory information 2004/42/EC (VOC): Additional information The preparation is dangerous in the Not subject to regulation 96/82/EC. National regulatory information Employment restrictions: Water contaminating class (D): 15.2. Chemical safety assessment 	egulations/legislation specific for the substance or mixture No information available. e sense of Directive 1999/45/EC. e sense of regulation (EC) No 1272/2008 [GHS].	venile

Rev. 1.0 Initial release: 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

according to Regulation (EC) No 1907/2006

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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect concentration

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eyeirritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains p-phenylenediamine. May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe MITTELBRAUN

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Restricted to professional users.

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe MITTELBRAUN

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none

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1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH
Street:	Ziegeleiweg 40
Place:	D Goldberg
Telephone:	+49 [0] 451 30 800 90
Responsible Department:	Dr. Gans-Eichler
	Chemieberatung GmbH
	Raesfeldstr. 22
	D-48149 Münster
<u>4. Emergency telephone</u>	Tel.: +49 (0) 170 2450126

Telefax:+49 [0] 451 | 20 351 03 e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60 www.tge-consult.de

<u>1.4. Emergency telephone</u> number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, SODIUM CETEARYL SULFATE, P-PHENYLENEDIAMINE, RESORCINOL, HELIANTHUS ANUUS SEED OIL, AMMONIUM HYDROXIDE, LANOLIN, P-AMINOPHENOL, M-AMINOPHENOL, SODIUM SULFITE, PARFUM, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: Harmful to aquatic life with long lasting effects .

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard statements

H412

EUH208

Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.P501 Dispose of contents/container to in accordance with official regulations.

Special labelling of certain mixtures

Contains p-phenylenediamine, 1,3-benzenediol, resorcinol. May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

according to Regulation (EC) No 1907/2006

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2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification according to Regula				
	Amides, C18-unsatd., N,N-bis(hyd	Iroxyethyl)		1 - < 5 %	
	700-972-2		01-2119968565-22		
	Skin Irrit. 2, Eye Irrit. 2, Aquatic C	nronic 2; H315 H319 H411			
106-50-3	p-phenylenediamine			< 1 %	
	203-404-7	612-028-00-6			
	Acute Tox. 3, Acute Tox. 3, Acute Aquatic Chronic 1; H331 H311 H3	atic Acute 1 (M-Factor = 1),			
108-46-3	1,3-benzenediol, resorcinol		< 1 %		
	203-585-2	604-010-00-1			
	Acute Tox. 4, Skin Irrit. 2, Eye Da (M-Factor = 1); H302 H315 H318	SE 2, Aquatic Acute 1			
1336-21-6	Ammonia %			< 1 %	
	215-647-6	007-001-01-2	01-2119488876-14		
	Skin Corr. 1B, STOT SE 3, Aquati H411	onic 2; H314 H335 H400			
123-30-8	4-aminophenol			< 1 %	
	204-616-2	612-128-00-X			
	Muta. 2, Acute Tox. 4, Acute Tox. H332 H302 H400 H410	uatic Chronic 1; H341			

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

according to Regulation (EC) No 1907/2006

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After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

according to Regulation (EC) No 1907/2006

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Further information on handling

Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
108-46-3	Resorcinol	10	46		TWA (8 h)	WEL
		20	92		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

Amides, C18-unsatd., N,N-bis(hydroxyethyl) Worker DNEL, long-term inhalation systemic 73,44 mg/m³ Worker DNEL, long-term dermal systemic 4,16 mg/kg bw/day Worker DNEL, long-term dermal local 0,0312 mg/cm² Zonsumer DNEL, long-term inhalation systemic 21,73 mg/m³ Zonsumer DNEL, long-term dermal systemic 2,5 mg/kg bw/da Zonsumer DNEL, long-term oral systemic 6,25 mg/kg bw/da Zonsumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Worker DNEL, long-term oral systemic 6,8 mg/kg bw/da Worker DNEL, long-term inhalation systemic 6,8 mg/kg bw/da Vorker DNEL, long-term inhalation systemic 47,6 mg/m³ Vorker DNEL, long-term inhalation local 14 mg/m³ Vorker DNEL, acute inhalation local 14 mg/m³ Vorker DNEL, acute inhalation local 36 mg/kg bw/da Sonsumer DNEL, acute inhalation local 36 mg/kg bw/da Consumer DNEL, long-term inhalation systemic	CAS No	Substance			
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Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term inhalation systemic 23,8 mg/m³ Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, acute value value value Consumer DNEL, acute ong/reg value value Marides, C18-unsatd., N,N-bis(hydroxyethyl) value <td>Worker DNEL</td> <td>., acute</td> <td>inhalation</td> <td>local</td> <td>36 mg/m³</td>	Worker DNEL	., acute	inhalation	local	36 mg/m³
Consumer DNEL, long-term inhalation systemic 23,8 mg/m³ Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, acute oral systemic 6,8 mg/kg bw/da PNEC values Substance value Marikes, C18-unsatd., N,N-bis(hydroxyethyl) Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) value 0,007 mg/l 0,007 mg/l Greshwater (intermittent releases) 0,0007 mg/l 0,0007 mg/l 0,0007 mg/l Aarine water 0,2663 mg/kg 0,02663 mg/kg 0,02663 mg/kg	Consumer DN	NEL, acute	dermal	systemic	68 mg/kg bw/day
Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, acute oral systemic 6,8 mg/kg bw/da PNEC values Substance Value Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) Value 0,007 mg/l 0,007 mg/l Freshwater (intermittent releases) 0,032 mg/l 0,0007 mg/l 0,0007 mg/l Aarine water 0,2663 mg/kg 0,2663 mg/kg 0,02663 mg/kg	Consumer DN	NEL, long-term	dermal	systemic	68 mg/kg bw/day
Consumer DNEL, acute inhalation systemic 23,8 mg/m3 Consumer DNEL, acute inhalation local 7,2 mg/m3 Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, acute Value Value Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) 0,007 mg/l 0,007 mg/l Freshwater 0,0007 mg/l 0,0007 mg/l	Consumer DN	NEL, long-term	inhalation	systemic	23,8 mg/m³
Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, acute Substance Value Value CAS No Substance Value Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) Value 0,007 mg/l Freshwater 0,007 mg/l 0,032 mg/l Irreshwater (intermittent releases) 0,032 mg/l 0,0007 mg/l Aarine water 0,2663 mg/kg 0,2663 mg/kg Marine sediment 0,02663 mg/kg	Consumer DN	NEL, long-term	inhalation	local	2,8 mg/m³
Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/da Consumer DNEL, acute oral systemic 6,8 mg/kg bw/da PNEC values systemic 6,8 mg/kg bw/da PNEC values Substance Value Environmental compartment Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) 0,007 mg/l Freshwater 0,007 mg/l Arrine water 0,032 mg/l Arrine water sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	Consumer DN	NEL, acute	inhalation	systemic	23,8 mg/m³
Consumer DNEL, acute oral systemic 6,8 mg/kg bw/da PNEC values CAS No Substance Value Invironmental compartment Value Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) 0,007 mg/l 0,007 mg/l Freshwater 0,002 mg/l 0,0007 mg/l Arrine water 0,0007 mg/l 0,0007 mg/l Freshwater sediment 0,2663 mg/kg 0,02663 mg/kg	Consumer DN	NEL, acute	inhalation	local	7,2 mg/m³
PNEC values Image: CAS No Substance CAS No Substance Value Image: C18-unsatd., N,N-bis(hydroxyethyl) Value Freshwater 0,007 mg/l Freshwater (intermittent releases) 0,032 mg/l Aarine water 0,0007 mg/l Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	Consumer DN	NEL, long-term	oral	systemic	6,8 mg/kg bw/day
Substance Value Environmental compartment Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) 0,007 mg/l Freshwater 0,007 mg/l Freshwater (intermittent releases) 0,032 mg/l Marine water 0,0007 mg/l Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	Consumer DN	NEL, acute	oral	systemic	6,8 mg/kg bw/day
Environmental compartment Value Amides, C18-unsatd., N,N-bis(hydroxyethyl) 0,007 mg/l Freshwater 0,007 mg/l Freshwater (intermittent releases) 0,032 mg/l Aarine water 0,0007 mg/l Freshwater sediment 0,02663 mg/kg Aarine sediment 0,02663 mg/kg	PNEC value	25			
Amides, C18-unsatd., N,N-bis(hydroxyethyl) Freshwater 0,007 mg/l Freshwater (intermittent releases) 0,032 mg/l Marine water 0,0007 mg/l Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	CAS No	Substance			
reshwater 0,007 mg/l reshwater (intermittent releases) 0,032 mg/l Marine water 0,0007 mg/l reshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	Environmenta	Value			
Freshwater (intermittent releases) 0,032 mg/l Marine water 0,0007 mg/l Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg		Amides, C18-unsatd., N,N-bis(hydroxyethy	4)		
Marine water 0,0007 mg/l Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	Freshwater	0,007 mg/l			
Freshwater sediment 0,2663 mg/kg Marine sediment 0,02663 mg/kg	reshwater (i	0,032 mg/l			
Aarine sediment 0,02663 mg/kg	Marine water				0,0007 mg/l
	Freshwater se	ediment			0,2663 mg/kg
/licro-organisms in sewage treatment plants (STP) 830 mg/l	Marine sedim	ent			0,02663 mg/kg
	Micro-organis	ms in sewage treatment plants (STP)			830 mg/l

8.2. Exposure controls

according to Regulation (EC) No 1907/2006

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Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber.

Suitable material:

CR (polychloroprenes, Chloroprene rubber). (0,5 mm)

NBR (Nitrile rubber). (0,35 mm)

FKM (fluororubber). (0,4 mm)

PVC (Polyvinyl chloride). (0,5 mm)

Butyl rubber. (0,5 mm)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387)

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	not determined	
Odour:	characteristic	
pH-Value:		10-11 (50% in aqueous solution)
Changes in the physical state		
Melting point:		not determined

according to Regulation (EC) No 1907/2006

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Initial boiling point and boiling range:	not determined			
Flash point:	not determined			
Sustaining combustion:	Not sustaining combustion			
Explosive properties none				
Lower explosion limits:	not determined			
Upper explosion limits:	not determined			
Ignition temperature:	not determined			
Decomposition temperature:	not determined			
Oxidizing properties none				
Vapour pressure:	not determined			
Density:	not determined			
Water solubility:	not determined			
Solubility in other solvents not determined				
Viscosity / dynamic:	not determined			
Viscosity / kinematic:	not determined			
Flow time:	not determined			
Vapour density:	not determined			
9.2. Other information				
Solid content:	not determined			

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name						
	Exposure route	Dose		Species	Source	Method	
	Amides, C18-unsatd., N,	N-bis(hydro	xyethyl)				
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier		
106-50-3	p-phenylenediamine						
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier		
	dermal	ATE mg/kg	300				
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier		
	inhalative aerosol	ATE	0,5 mg/l				
108-46-3	1,3-benzenediol, resorcinol						
	oral	LD50 mg/kg	(510=	Rat	ECHA Dossier		
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier		
	inhalative (1 h) aerosol	LC50	(7,8) mg/l	Rat	ECHA Dossier		
1336-21-6	Ammonia %						
	oral	LD50 mg/kg	(350)	Rat.	GESTIS		
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS		
123-30-8	4-aminophenol						
	oral	LD50 mg/kg	671	Rat	ECHA Dossier		
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier		
	inhalative vapour	ATE	11 mg/l				
	inhalative (4 h) aerosol	LC50 mg/l	>3,42	Rat	ECHA Dossier		

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier 4-aminophenol (CAS No. 123-30-8): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. In vivo mutagenicity/genotoxicity: Method: OECD Guideline 486 (Unscheduled DNA Synthesis (UDS) Test with Mammalian Liver Cells in vivo) Result: negative. Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) Result: positive. Carcinogenicity: Exposure time: 102 weeks Species: Rat. Method: OECD Guideline 451 Result: NOEC = 30 mg/kg(bw)/day Reproductive toxicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100 mg/kg(bw)/day Developmental toxicity/teratogenicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100mg/kg(bw)/day Literature information: ECHADossier 3-aminophenol (CAS No.591-27-5): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. / negative. Method: bacterial reversion assay, the WP2 Mutoxitest Result: negative. Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) Result: negative. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414

1,3-benzenediol, resorcinol (CAS No. 108-46-3):

Result: NOEL = 100 mg/kg(bw)/day Literature information: ECHADossier

according to Regulation (EC) No 1907/2006

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In vitro mutagenicity/genotoxicity: Evidence for in vitro mutagenicity. In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Reproductive toxicity: Exposure time: 18 month Species: Rat. Method: OECD Guideline 416 Result: NOAEL = 3000 mg/kg(bw)/day Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 250 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity: Exposure time: 2 years Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier

4-aminophenol (CAS No.123-30-8): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOEL = 10 mg/kg(bw)/day Literature information: ECHADossier

3-aminophenol (CAS No. 591-27-5): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: no data Result: NOEL = 20 mg/kg(bw)/day Chronic dermal toxicity: Exposure time: 24 month Species: Rat. Method: no data Result: LOEL = 500 mg/kg Literature information: ECHA Dossier

1,3-benzenediol, resorcinol (CAS No. 108-46-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 80 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
	Amides, C18-unsatd., N,N	l-bis(hydroxy	/ethyl)				
	Acute fish toxicity	LC50	5,1 mg/l	96 h	Danio rerio	ECHA Dossier	
106-50-3	p-phenylenediamine						
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier	
108-46-3	1,3-benzenediol, resorcine	ol					
	Acute fish toxicity	LC50 mg/l	29,5	96 h	Pimephales promelas	ECHA Dossier	
	Acute algae toxicity	ErC50	>97 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	
	Acute crustacea toxicity	EC50	1,0 mg/l	48 h	Daphnia magna	ECHA Dossier	
	Crustacea toxicity	NOEC mg/l	0,172	21 c	Daphnia magna	ECHA Dossier	
	Acute bacteria toxicity	(79 mg/l)		3 h	Activated sludge	ECHA Dossier	
1336-21-6	Ammonia %			-			
	Acute fish toxicity	LC50 mg/l	0,89	96 h	Oncorhynchus mykiss	MSDS external	
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	MSDS external	
	Crustacea toxicity	NOEC mg/l	0,79	3 c	Daphnia magna	MSDS external	
123-30-8	4-aminophenol						
	Acute fish toxicity	LC50 mg/l	0,82	96 h	Oryzias latipes (OECD 203)	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	>0,253	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	0,182	48 h	Daphnia magna (OECD 202)	ECHA Dossier	
	Fish toxicity	NOEC mg/l	0,55	41 c	Oryzias latipes (OECD 210)	ECHA Dossier	
	Crustacea toxicity	NOEC mg/l	0,206	21 c	Daphnia magna (OECD 202)	ECHA Dossier	
	Acute bacteria toxicity	(29,9 mg	/I)	3 h	Activated sludge (OECD 209)	ECHA Dossier	

12.2. Persistence and degradability

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)				
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	86%	28	ECHA Dossier	
	Readily biodegradable (according to OECD criteria).				
108-46-3	1,3-benzenediol, resorcinol				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	66,7%	10	ECHA Dossier	
	Readily biodegradable (according to OECD criteria).				
123-30-8	4-aminophenol				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	6%	28	ECHA Dossier	
	Not readily biodegradable (according to OECD criteria)				

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
108-46-3	1,3-benzenediol, resorcinol	0,93
1336-21-6	Ammonia %	-1,38
123-30-8	4-aminophenol	-0,09

BCF

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

according to Regulation (EC) No 1907/2006

INTENSIVE Revision date: 04.08.2017	Augenbrauen- und Wimpernfarbe MITTELBRAUN Product code: AWM0001	Page 15 of 16					
	NIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, fectants and cosmetics; aqueous washing liquids and mother liquors;						
Waste disposal number of contamina							
PROTECTIVE CLOTHIN collected municipal pack	150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste						
Contaminated packaging Handle contaminated packages in th	ne same way as the substance itself.						
SECTION 14: Transport information							
Land transport (ADR/RID)							
14.1. UN number:	Not restricted						
14.2. UN proper shipping name:	Not restricted						
14.3. Transport hazard class(es):	Not restricted						
14.4. Packing group:	Not restricted						
Inland waterways transport (ADN)							
<u>14.1. UN number:</u>	Not restricted						
14.2. UN proper shipping name:	Not restricted						
14.3. Transport hazard class(es):	Not restricted						
14.4. Packing group:	Not restricted						
Marine transport (IMDG)							
<u>14.1. UN number:</u>	Not restricted						
14.2. UN proper shipping name:	Not restricted						
14.3. Transport hazard class(es):	Not restricted						
14.4. Packing group:	Not restricted						
Air transport (ICAO-TI/IATA-DGR)							
<u>14.1. UN number:</u>	Not restricted						
14.2. UN proper shipping name:	Not restricted						
14.3. Transport hazard class(es):	Not restricted						
14.4. Packing group:	Not restricted						
14.5. Environmental hazards							
ENVIRONMENTALLY HAZARDOUS:	no						
<u>14.6. Special precautions for user</u> Not restricted							
14.7. Transport in bulk according to Anne	ex II of Marnol and the IBC Code						
Not restricted							
SECTION 15: Regulatory information							
15.1. Safety, health and environmental reg	gulations/legislation specific for the substance or mixture						
EU regulatory information							
2010/75/EU (VOC):	not determined						
2004/42/EC (VOC):	not determined						
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)						

(SEVESO III):

according to Regulation (EC) No 1907/2006

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Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2006 Appendix XVII, No (mixture): 3

National regulatory information

Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). 2 - water contaminating

Water contaminating class (D):

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Rev. 1.00; Initial release: 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NTP: National Toxicology Program N/A: not applicable OSHA: Occupational Safety and Health Administration PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern TRGS Technische Regeln für Gefahrstoffe TSCA: Toxic Substances Control Act VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe WGK: Wassergefährdungsklasse Relevant H and EUH statements (number and full text) H301 Toxic if swallowed. H302 Harmful if swallowed. Toxic in contact with skin. H311

Causes severe skin burns and eye damage.

Causes skin irritation.

H314 H315

according to Regulation (EC) No 1907/2006

INTENSIVE Augenbrauen- und Wimpernfarbe NATURELL

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H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eyeirritation.	
H331	Toxic if inhaled.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H341	Suspected of causing genetic defects.	
H370	Causes damage to organs (central nervous system; blood).	
H371	May cause damage to organs (respiratory system).	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
EUH208	Contains p-phenylenediamine, 1,3-benzenediol, resorcinol. May produce an allergic	
reaction.		

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe NATURELL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics Restricted to professional users.

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH
Street:	Ziegeleiweg 40
Place:	D Goldberg
Telephone:	+49 [0] 451 30 800 90
Responsible Department:	Dr. Gans-Eichler
	Chemieberatung GmbH
	Raesfeldstr. 22
	D-48149 Münster

Telefax:+49 [0] 451 | 20 351 03 e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60 www.tge-consult.de

1.4. Emergency telephone

number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

Tel.: +49 (0) 170 2450126

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, SODIUM CETEARYL SULFATE, P-AMINOPHENOL, P-PHENYLENEDIAMINE, 2,6-DIAMINOPYRIDINE, HELIANTHUS ANUUS SEED OIL, AMMONIUM HYDROXIDE, LANOLIN, PARFUM, SODIUM SULFITE, LIMONENE, BUTYLPHENYL

Revision No: 1,0

according to Regulation (EC) No 1907/2006

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METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 Hazard categories: Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard statements

H412

P501

EUH208

Harmful to aquatic life with long lasting effects.

Precautionary statements P273 A

Avoid release to the environment.

Dispose of contents/container to in accordance with official regulations.

Special labelling of certain mixtures

Contains p-phenylenediamine. May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

according to Regulation (EC) No 1907/2006

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification according	to Regulation (EC) No. 1272/2008 [C	EP]		
	Amides, C18-unsatd., N	I,N-bis(hydroxyethyl)		1 - < 5 %	
	700-972-2		01-2119968565-22		
	Skin Irrit. 2, Eye Irrit. 2,	Aquatic Chronic 2; H315 H319 H411			
123-30-8	4-aminophenol				
	204-616-2	612-128-00-X			
	Muta. 2, Acute Tox. 4, Acute Tox. 4, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H341 H332 H302 H400 H410				
106-50-3	p-phenylenediamine				
	203-404-7	612-028-00-6			
	Acute Tox. 3, Acute To: Aquatic Chronic 1; H33				
1336-21-6	Ammonia %	< 1 %			
	215-647-6	007-001-01-2	01-2119488876-14		
	Skin Corr. 1B, STOT SI H411				

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

according to Regulation (EC) No 1907/2006

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4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

according to Regulation (EC) No 1907/2006

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Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
	Amides, C18-unsatd., N,N-bis(hydroxyethy	1)		
Worker DNEL	., long-term	inhalation	systemic	73,44 mg/m ³
Worker DNEL	., long-term	dermal	systemic	4,16 mg/kg bw/day
Worker DNEL	., long-term	dermal	local	0,0312 mg/cm ²
Consumer DN	NEL, long-term	inhalation	systemic	21,73 mg/m ³
Consumer DN	NEL, long-term	dermal	systemic	2,5 mg/kg bw/day
Consumer DN	NEL, long-term	dermal	local	0,01873 mg/cm ²
Consumer DN	NEL, long-term	oral	systemic	6,25 mg/kg bw/day
1336-21-6	Ammonia %			
Worker DNEL	., long-term	dermal	systemic	6,8 mg/kg bw/day
Worker DNEL	., acute	dermal	systemic	6,8 mg/kg bw/day
Worker DNEL	., long-term	inhalation	systemic	47,6 mg/m³
Worker DNEL	., long-term	inhalation	local	14 mg/m³
Worker DNEL	., acute	inhalation	systemic	47,6 mg/m³
Worker DNEL	., acute	inhalation	local	36 mg/m³
Consumer DN	NEL, acute	dermal	systemic	68 mg/kg bw/day
Consumer DN	NEL, long-term	dermal	systemic	68 mg/kg bw/day
Consumer DN	NEL, long-term	inhalation	systemic	23,8 mg/m³
Consumer DN	NEL, long-term	inhalation	local	2,8 mg/m³
Consumer DN	NEL, acute	inhalation	systemic	23,8 mg/m³
Consumer DN	NEL, acute	inhalation	local	7,2 mg/m³
Consumer DN	NEL, long-term	oral	systemic	6,8 mg/kg bw/day
Consumer DN	NEL, acute	oral	systemic	6,8 mg/kg bw/day
PNEC value	25			
CAS No	Substance			
Environmenta	I compartment			Value
	Amidea C18 upgetd NIN big/budrowyetby	D		

Environmental compartment		Value
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	
Freshwater		0,007 mg/l
Freshwater (intermittent releases)		0,032 mg/l
Marine water		0,0007 mg/l
Freshwater sediment		0,2663 mg/kg
Marine sediment		0,02663 mg/kg
Micro-organisms in sewage treatment plants (STP)		830 mg/l
Soil		0,1262 mg/kg
1336-21-6	Ammonia %	
Freshwater		0,0011 mg/l
Freshwater (intermittent releases)		0,0068 mg/l
Marine water		0,0011 mg/l

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8.2. Exposure controls





Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber. Suitable material: CR (polychloroprenes, Chloroprene rubber). (0,5 mm) NBR (Nitrile rubber). (0,35 mm) FKM (fluororubber). (0,4 mm) PVC (Polyvinyl chloride). (0,5 mm) Butyl rubber. (0,5 mm) Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387)

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	not determined
Odour:	characteristic

Test method

pH-Value:

10-11 (50% in aqueous solution)

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Changes in the physical state		
Melting point:	not determined	
Initial boiling point and boiling range:	not determined	
Flash point:	not determined	
Sustaining combustion:	Not sustaining combustion	
Explosive properties none		
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Ignition temperature:	not determined	
Decomposition temperature:	not determined	
Oxidizing properties none		
√apour pressure:	not determined	
Density:	not determined	
Water solubility:	not determined	
Solubility in other solvents not determined		
Viscosity / dynamic:	not determined	
Viscosity / kinematic:	not determined	
Flow time:	not determined	
Vapour density:	not determined	
Other information		
Solid content:	not determined	

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

according to Regulation (EC) No 1907/2006

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Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name						
	Exposure route	Dose		Species	Source	Method	
	Amides, C18-unsatd., N,	N-bis(hydro)	kyethyl)				
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier		
123-30-8	4-aminophenol						
	oral	LD50 mg/kg	671	Rat	ECHA Dossier		
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier		
	inhalative vapour	ATE	11 mg/l				
	inhalative (4 h) aerosol	LC50 mg/l	>3,42	Rat	ECHA Dossier		
106-50-3	p-phenylenediamine						
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier		
	dermal	ATE mg/kg	300				
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier		
	inhalative aerosol	ATE	0,5 mg/l				
1336-21-6	Ammonia %						
	oral	LD50 mg/kg	(350)	Rat.	GESTIS		
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS		

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

according to Regulation (EC) No 1907/2006

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Revision date: 04.08.2017 Product code: Page 10 of 14 Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier 4-aminophenol (CAS No. 123-30-8): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. In vivo mutagenicity/genotoxicity: Method: OECD Guideline 486 (Unscheduled DNA Synthesis (UDS) Test with Mammalian Liver Cells in vivo) Result: negative. Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) Result: positive. Carcinogenicity: Exposure time: 102 weeks Species: Rat. Method: OECD Guideline 451 Result: NOEC = 30 mg/kg(bw)/day Reproductive toxicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100 mg/kg(bw)/day Developmental toxicity/teratogenicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100 mg/kg(bw)/day Literature information: ECHADossier Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity:

Carcinogenicity: Exposure time: 2 years Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier

4-aminophenol (CAS No. 123-30-8): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOEL = 10 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)				-			
	Acute fish toxicity	LC50	5,1 mg/l	96 h	Danio rerio	ECHA Dossier		
123-30-8	4-aminophenol							
	Acute fish toxicity	LC50 mg/l	0,82	96 h	Oryzias latipes (OECD 203)	ECHA Dossier		
	Acute algae toxicity	ErC50 mg/l	>0,253	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		
	Acute crustacea toxicity	EC50 mg/l	0,182	48 h	Daphnia magna (OECD 202)	ECHA Dossier		
	Fish toxicity	NOEC mg/l	0,55	41 d	Oryzias latipes (OECD 210)	ECHA Dossier		
	Crustacea toxicity	NOEC mg/l	0,206	21 d	Daphnia magna (OECD 202)	ECHA Dossier		
	Acute bacteria toxicity	(29,9 mg	ı/l)	3 h	Activated sludge (OECD 209)	ECHA Dossier		
106-50-3	p-phenylenediamine							
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier		
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier		
1336-21-6	Ammonia %							
	Acute fish toxicity	LC50 mg/l	0,89	96 h	Oncorhynchus mykiss	MSDS external		
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	MSDS external		
	Crustacea toxicity	NOEC mg/l	0,79	3 d	Daphnia magna	MSDS external		

12.2. Persistence and degradability

CAS No	Chemical name				
	Method	Value		d	Source
Evaluation					
	Amides, C18-unsatd., N,N-bis(hydroxyethyl) OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C 86% 28 ECHA Dossier				
					ECHA Dossier
	Readily biodegradable (according to OECD criteria).				
123-30-8	4-aminophenol				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	6%		28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)				

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
123-30-8	4-aminophenol	-0,09
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
1336-21-6	Ammonia %	-1,38

according to Regulation (EC) No 1907/2006

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_	-	_
R	С	F
-	-	

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Marine transport (IMDG)	

according to Regulation (EC) No 1907/2006

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<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
Air transport (ICAO-TI/IATA-DGR)		
<u>14.1. UN number:</u>	Not restricted	
14.2. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	no	
14.6. Special precautions for user		
Not restricted		
14.7. Transport in bulk according to Anne Not restricted	x II of Marpol and the IBC Code	
SECTION 15: Regulatory information		
15.1. Safety, health and environmental reg	ulations/legislation specific for the substance or mixture	
EU regulatory information		
2010/75/EU (VOC):	not determined	
2004/42/EC (VOC):	not determined	
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)	
Additional information		
The mixture is classified as hazardou REACH 1907/2006 Appendix XVII, N	us according to regulation (EC) No 1272/2008 [CLP]. Io (mixture): 3	
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juve work protection guideline' (94/33/EC).	enile
Water contaminating class (D):	2 - water contaminating	
15.2. Chemical safety assessment		
Chemical safety assessments for substances in this mixture were not carried out.		
SECTION 16: Other information		

Changes

Rev. 1.00; Initial release: 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service **DNEL: Derived No Effect Level** IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

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INTENSIVE Augenbrauen- und Wimpernfarbe NATURELL

Revision date: 04.08.2017	Product code:
GHS: Globally Harmonized System of Classification GefStoffV: Gefahrstoffverordnung (Ordinance on H LOAEL: Lowest observed adverse effect level LOAEC: Lowest observed adverse effect concentr LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NTP: National Toxicology Program N/A: not applicable OSHA: Occupational Safety and Health Administra PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transp fer (Regulations Concerning the International Tran SARA: Superfund Amendments and Reauthorizati SVHC: substance of very high concern TRGS Technische Regeln für Gefahrstoffe TSCA: Toxic Substances Control Act VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefährdende WGK: Wassergefährdungsklasse	Hazardous Substances, Germany) ation ort des marchandises dangereuses par chemin de sport of Dangerous Goods by Rail) on Act
· · ·	

Relevant H and EUH statements (number and full text)

H301 Toxic if swallowed.

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains p-phenylenediamine. May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.5. Product identifier

INTENSIVE Augenbrauen- und Wimpernfarbe NATURELL

according to Regulation (EC) No 1907/2006

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 1.6. Relevant identified uses of the substance or mixture and uses advised against
 Use of the substance/mixture

Cosmetics

Restricted to professional users.

Uses advised against

none

1.7. Details of the supplier of the safety data sheet

Company name: Street: Place:	Biosmetics GmbH Ziegeleiweg 40 D Goldberg	
Telephone: Responsible Department:	+49 [0] 451 30 800 90 Dr. Gans-Eichler Chemieberatung GmbH Raesfeldstr. 22 D-48149 Münster	Telefax:+49 [0] 451 20 351 03 e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60 www.tge-consult.de
<u>1.8. Emergency telephone</u> number:	Tel.: +49 (0) 170 2450126	

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

INCI: AQUA, CETEARYL ALCOHOL, GLYCERYL STEARATE SE, OLEAMIDE DEA, SODIUM CETEARYL SULFATE, P-AMINOPHENOL, P-PHENYLENEDIAMINE, 2,6-DIAMINOPYRIDINE, HELIANTHUS ANUUS SEED OIL, AMMONIUM HYDROXIDE, LANOLIN, PARFUM, SODIUM SULFITE, LIMONENE, BUTYLPHENYL METHYLPROPIONAL (LILAL), LINALOOL, CITRAL, GERANIOL

SECTION 2: Hazards identification

2.4. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard Statements: Harmful to aquatic life with long lasting effects .

2.5. Label elements

H412

Regulation (EC) No. 1272/2008

Hazard statements

Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to in accordance with official regulations.

Special labelling of certain mixtures

EUH208 Contains p-phenylenediamine. May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

2.6. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

according to Regulation (EC) No 1907/2006

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Hazardous components

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification according	to Regulation (EC) No. 1272/2008 [C	CP]			
	Amides, C18-unsatd., N	I,N-bis(hydroxyethyl)		1 - < 5 %		
	700-972-2		01-2119968565-22			
	Skin Irrit. 2, Eye Irrit. 2,	Aquatic Chronic 2; H315 H319 H411				
123-30-8	4-aminophenol					
	204-616-2	612-128-00-X				
	Muta. 2, Acute Tox. 4, 7 H332 H302 H400 H410					
106-50-3	p-phenylenediamine					
	203-404-7	612-028-00-6				
	-	x. 3, Acute Tox. 3, Eye Irrit. 2, Skin Se 1 H311 H301 H319 H317 H400 H410	ns. 1, Aquatic Acute 1 (M-Factor = 1),			
1336-21-6	Ammonia %					
	215-647-6	007-001-01-2	01-2119488876-14			
	Skin Corr. 1B, STOT SE 3, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 2; H314 H335 H400 H411					

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.4. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

according to Regulation (EC) No 1907/2006

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4.5. Most important symptoms and effects, both acute and delayed

No information available.

4.6. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.4. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.5. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

5.6. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.5. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

6.6. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

6.7. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.8. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.4. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Avoid contact with skin, eyes and clothes. General protection and hygiene measures: refer to chapter 8

7.5. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

according to Regulation (EC) No 1907/2006

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Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.6. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.3. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
106-50-3	p-Phenylenediamine	-	0.1		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

according to Regulation (EC) No 1907/2006

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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
	Amides, C18-unsatd., N,N-bis(hydroxyeth	yl)		
Worker DNE	L, long-term	inhalation	systemic	73,44 mg/m³
Worker DNE	L, long-term	dermal	systemic	4,16 mg/kg bw/day
Worker DNE	EL, long-term	dermal	local	0,0312 mg/cm ²
Consumer D	DNEL, long-term	inhalation	systemic	21,73 mg/m ³
Consumer D	NEL, long-term	dermal	systemic	2,5 mg/kg bw/day
Consumer D	NEL, long-term	dermal	local	0,01873 mg/cm ²
Consumer E	DNEL, long-term	oral	systemic	6,25 mg/kg bw/day
1336-21-6	Ammonia %			
Worker DNE	L, long-term	dermal	systemic	6,8 mg/kg bw/day
Worker DNEL, acute		dermal	systemic	6,8 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	47,6 mg/m³
Worker DNEL, long-term		inhalation	local	14 mg/m³
Worker DNE	L, acute	inhalation	systemic	47,6 mg/m³
Worker DNE	L, acute	inhalation	local	36 mg/m³
Consumer E	DNEL, acute	dermal	systemic	68 mg/kg bw/day
Consumer D	NEL, long-term	dermal	systemic	68 mg/kg bw/day
Consumer D	NEL, long-term	inhalation	systemic	23,8 mg/m³
Consumer D	NEL, long-term	inhalation	local	2,8 mg/m³
Consumer D	DNEL, acute	inhalation	systemic	23,8 mg/m³
Consumer D	DNEL, acute	inhalation	local	7,2 mg/m³
Consumer D	DNEL, long-term	oral	systemic	6,8 mg/kg bw/day
Consumer D	DNEL, acute	oral	systemic	6,8 mg/kg bw/day
PNEC valu	les			
CAS No	Substance			
Environmen	tal compartment			Value
	Amides, C18-unsatd., N.N-bis(hvdroxveth			

LINIONIUCI	tar compartment	Value
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	
Freshwater		0,007 mg/l
Freshwater	(intermittent releases)	0,032 mg/l
Marine wate	ır	0,0007 mg/l
Freshwater	sediment	0,2663 mg/kg
Marine sediment		0,02663 mg/kg
Micro-organisms in sewage treatment plants (STP)		830 mg/l
Soil		0,1262 mg/kg
1336-21-6	Ammonia %	
Freshwater		0,0011 mg/l
Freshwater (intermittent releases)		0,0068 mg/l
Marine wate	r	0,0011 mg/l

according to Regulation (EC) No 1907/2006

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8.4. Exposure controls





Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored seperately from work clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

Pull-over gloves of rubber.
Suitable material:
CR (polychloroprenes, Chloroprene rubber). (0,5 mm)
NBR (Nitrile rubber). (0,35 mm)
FKM (fluororubber). (0,4 mm)
PVC (Polyvinyl chloride). (0,5 mm)
Butyl rubber. (0,5 mm)
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

generation/formation of aerosols

exceeding exposure limit values

Suitable respiratory protective equipment: Combination filtering device (EN 14387)

Туре

: A/ P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.3. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	not determined
Odour:	characteristic

Test method

pH-Value:

10-11 (50% in aqueous solution)

according to Regulation (EC) No 1907/2006

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Changes in the physical state		
Melting point:	not determined	
nitial boiling point and boiling range:	not determined	
lash point:	not determined	
Sustaining combustion:	Not sustaining combustion	
Explosive properties none		
ower explosion limits:	not determined	
Jpper explosion limits:	not determined	
gnition temperature:	not determined	
Decomposition temperature:	not determined	
Dxidizing properties none		
/apour pressure:	not determined	
Density:	not determined	
Vater solubility:	not determined	
Solubility in other solvents not determined		
/iscosity / dynamic:	not determined	
/iscosity / kinematic:	not determined	
Flow time:	not determined	
Vapour density:	not determined	
Other information		
Solid content:	not determined	

SECTION 10: Stability and reactivity

10.7. Reactivity

No information available.

10.8. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.9. Possibility of hazardous reactions

No information available.

10.10. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.11. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.12. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx). Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

according to Regulation (EC) No 1907/2006

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Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)							
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier			
123-30-8	4-aminophenol							
	oral	LD50 mg/kg	671	Rat	ECHA Dossier			
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier			
	inhalative vapour	ATE	11 mg/l					
	inhalative (4 h) aerosol	LC50 mg/l	>3,42	Rat	ECHA Dossier			
106-50-3	p-phenylenediamine							
	oral	LD50	75 mg/kg	Rat. (OECD 420)	ECHA Dossier			
	dermal	ATE mg/kg	300					
	inhalative (4 h) vapour	LC50	0,92 mg/l	Rat. (OECD 403)	ECHA Dossier			
	inhalative aerosol	ATE	0,5 mg/l					
1336-21-6	Ammonia %							
	oral	LD50 mg/kg	(350)	Rat.	GESTIS			
	inhalative (4 h) vapour	LC50	(1,4) mg/l	Rat.	RTECS			

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

according to Regulation (EC) No 1907/2006

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Revision date: 04.08.2017 Product code: Page 10 of 14 Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): In vivo mutagenicity/genotoxicity: No experimental indications of in vivo mutagenicity exist. Developmental toxicity/teratogenicity: Exposure time: 20d Species: Rat. Method: OECD Guideline 414 Result: NOAEL = 10 mg/kg(bw)/day Literature information: ECHADossier 4-aminophenol (CAS No. 123-30-8): In vitro mutagenicity/genotoxicity: Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) Result: positive. Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative. In vivo mutagenicity/genotoxicity: Method: OECD Guideline 486 (Unscheduled DNA Synthesis (UDS) Test with Mammalian Liver Cells in vivo) Result: negative. Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) Result: positive. Carcinogenicity: Exposure time: 102 weeks Species: Rat. Method: OECD Guideline 451 Result: NOEC = 30 mg/kg(bw)/day Reproductive toxicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100 mg/kg(bw)/day Developmental toxicity/teratogenicity: Exposure time: 60d Species: Rat. Method: OECD Guideline 421 Result: NOAEL = 100 mg/kg(bw)/day Literature information: ECHADossier Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Carcinogenicity: Exposure time: 2 years

Species: Mouse Method: no guideline followed Result: NOAEL = 30 mg/kg(bw)/day Literature information: ECHADossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

according to Regulation (EC) No 1907/2006

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Based on available data, the classification criteria are not met. p-phenylenediamine (CAS No. 106-50-3): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOAEL = 16 mg/kg(bw)/day Literature information: ECHADossier

4-aminophenol (CAS No. 123-30-8): Subchronic oral toxicity: Exposure time: 90d Species: Rat. Method: OECD Guideline 408 Result: NOEL = 10 mg/kg(bw)/day Literature information: ECHADossier

Amides, C18-unsatd., N,N-bis(hydroxyethyl) (EC No. 700-972-2): Subchronic dermal toxicity: Exposure time: 90d Species: Rat. Method: no guideline followed Result: NOAEL = 100 mg/kg(bw)/day (systemic); 25 mg/kg(bw)/day (local) Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.7. Toxicity

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
	Amides, C18-unsatd., N,N	Amides, C18-unsatd., N,N-bis(hydroxyethyl)					
	Acute fish toxicity	LC50	5,1 mg/l	96 h	Danio rerio	ECHA Dossier	
123-30-8	4-aminophenol						
	Acute fish toxicity	LC50 mg/l	0,82	96 h	Oryzias latipes (OECD 203)	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	>0,253	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	0,182	48 h	Daphnia magna (OECD 202)	ECHA Dossier	
	Fish toxicity	NOEC mg/l	0,55	41 d	Oryzias latipes (OECD 210)	ECHA Dossier	
	Crustacea toxicity	NOEC mg/l	0,206	21 d	Daphnia magna (OECD 202)	ECHA Dossier	
	Acute bacteria toxicity	(29,9 mg	/I)	3 h	Activated sludge (OECD 209)	ECHA Dossier	
106-50-3	p-phenylenediamine						
	Acute fish toxicity	LC50	3,9 mg/l	96 h	Oncorhynchus mykiss (OECD 203)	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	0,478	72 h	Pseudokirchnerella subcapitata (OECD 201)	ECHA Dossier	
1336-21-6	Ammonia %						
	Acute fish toxicity	LC50 mg/l	0,89	96 h	Oncorhynchus mykiss	MSDS external	
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	MSDS external	
	Crustacea toxicity	NOEC mg/l	0,79	3 d	Daphnia magna	MSDS external	

12.8. Persistence and degradability

CAS No	Chemical name						
	Method	Value	d	Source			
	Evaluation						
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)						
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C 86% 28 ECHA Dossier						
	Readily biodegradable (according to OECD criteria).						
123-30-8	4-aminophenol						
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F 6% 28 ECHA Dossier						
	Not readily biodegradable (according to OECD criteria)						

12.9. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Amides, C18-unsatd., N,N-bis(hydroxyethyl)	>6
123-30-8	4-aminophenol	-0,09
106-50-3	p-phenylenediamine	-0.839 pH = 8,5
1336-21-6	Ammonia %	-1,38

according to Regulation (EC) No 1907/2006

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BCF

CAS No	Chemical name	BCF	Species	Source
123-30-8	4-aminophenol	10-46	Cyprinus carpio	ECHA Dossier

<u>12.10.</u> <u>Mobility in soil</u>

No data available.

12.11. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.12. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.3. UN number:</u>	Not restricted
14.4. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	Not restricted
14.2. UN proper shipping name:	Not restricted
14.3. Transport hazard class(es):	Not restricted
14.4. Packing group:	Not restricted
Marine transport (IMDG)	

according to Regulation (EC) No 1907/2006

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<u>14.8. UN number:</u>	Not restricted	
14.9. UN proper shipping name:	Not restricted	
<u>14.10.</u>	Transport hazard class(es): Not restricted	
<u>14.11.</u>	Packing group: Not restricted	
Air transport (ICAO-TI/IATA-DGR)		
<u>14.3. UN number:</u>	Not restricted	
14.4. UN proper shipping name:	Not restricted	
14.3. Transport hazard class(es):	Not restricted	
14.4. Packing group:	Not restricted	
14.12. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	no	
14.13. Special precautions for		
user		
Not restricted		
	to Annex II of Marpol and the IBC Code	
Not restricted		
SECTION 15: Regulatory information		
15.3. Safety, health and environmental regulations/legislation specific for the substance or mixture		
EU regulatory information		
2010/75/EU (VOC):	not determined	
2004/42/EC (VOC):	not determined	
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)	
Additional information		
The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2006 Appendix XVII, No (mixture): 3		
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juveni work protection guideline' (94/33/EC).	le
Water contaminating class (D):	2 - water contaminating	
15.4. Chemical safety assessment		
Chemical safety assessments for substances in this mixture were not carried out.		
Chemical salety assessments for subs	stances in this mixture were not camed out.	

Changes

Rev. 1.00; Initial release: 04.08.2017

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

		Tint Remover
evision date: 27.02.2	018	Product code: 658. Page 1 of 1
GefStoffV: Gefa LOAEL: Lowes LC50: Lethal or LD50: Lethal do NOAEL: No level NOAEC: effect level N Program N/A: not applica OSHA: Occupa PNEC: predicte PBT: Persisten RID: Règlemen de fer (Regulat SARA: Superfu Act SVHC: sub TRGS Technisc Gefahrstoffe TS Control Act VO Compounds	ahrstoffverordnung (Ordinan t observed adverse effect le t observed adverse effect concentration, 50 percent observed adverse effect No observed adverse effect No observed adverse TP: National Toxicology able tional Safety and Health Ad ed no effect concentration t bioaccumulative toxic t international concernant le ons Concerning the Interna nd Amendments and Reaut stance of very high concern	sification and Labelling of Chemicals ace on Hazardous Substances, Germany) vel oncentration ministration e transport des marchandises dangereuses par chemin tional Transport of Dangerous Goods by Rail) horization
WGK: Wasserç	efährdungsklasse	
Relevant H and EU	H statements (number and	I full text)
H301	Toxic if swallowed.	
H302	Harmful if swallowed	
H311	Toxic in contact with	
H314		burns and eye damage.
H315	Causes skin irritation	
H317	May cause an allerg	
H319	Causes serious eye	irritation.
H331	Toxic if inhaled.	
H332	Harmful if inhaled.	
H335	May cause respirate	ry irritation.
H341	Suspected of causin	g genetic defects.
L100	Very toxic to aquatic	life.
H400	Very toxic to aquatic	life with long lasting effects.
H400 H410	- · · · · · · · · · · · · · · · · · · ·	with long losting offects
	Toxic to aquatic life	
H410		fe with long lasting effects.
H410 H411	Harmful to aquatic li	

product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

according to Regulation (EC) No 1907/2006

	Tint Rem	over	
Revision date: 27.02.2018 Product code: 658. Pag			Page 2 of 12
Tint Remover			
1.2. Relevant identified uses of th	e substance or mixture and uses	advised against	
Use of the substance/mixture			
Professional: Cosmetics			
Uses advised against			
none			
1.3. Details of the supplier of the	safety data sheet		
Company name: Street: Place: Telephone: Responsible Department: 1.4. Emergency telephone	Biosmetics GmbH Ziegeleiweg 40 D Goldberg +49 [0] 451 30 800 90 Dr. Gans-Eichler Chemieberatung GmbH Raesfeldstr. 22 D-48149 Münster Tel.: +49 (0) 170 2450126	Telefax:+49 [0] 451 e-mail: info@tge-consult.de Tel.: +49(0)251/394868-69 www.tge-consult.de	20 351 03
number:			
Further Information This product is subject to th	e cosmetic regulation. This sheet w	vas prepared on a voluntary basis.	
SECTION 2: Hazards identifica	tion		
2.1. Classification of the substand	a ar mixtura		

Hazard categories: Flammable liquid: Flam. Liq. 3 Serious eye damage/eye irritation: Eye Irrit. 2 Hazard Statements: Flammable liquid and vapour. Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.

Precautionary statements

coautionaly statemer	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
	smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

according to Regulation (EC) No 1907/2006

Tint Remover				
Revision date: 27.02.2018	Product code: 658.	Page 3 of 12		
P403+P235 P501	Store in a well-ventilated place. Keep cool. Dispose of contents/container to in accordance with official regulations.			
Special labelling of certain mixtures EUH208 Contains benzylsalicylate. May produce an allergic reaction.				
Additional advice on labelling Labelling according to cosmetic directive.				
2.3. Other hazards In use, may form flammable/explosive vapour-air mixture. The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.				
SECTION 3: Composition/information on ingredients				

3.2. Mixtures

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			10 - < 15 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
118-58-1	benzylsalicylate			< 0.1 %
	204-262-9			
	Skin Sens. 1A, Aquatic Chronic 2; H317 H411			

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Take off immediately all contaminated clothing.

After inhalation

Remove person to fresh air and keep comfortable for breathing. In case of respiratory tract irritation, consult a physician.

After contact with skin

Take off immediately all contaminated clothing. Wash with plenty of water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

according to Regulation (EC) No 1907/2006

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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. In case of major fire and large quantities: Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Gas/vapours, irritant. Carbon monoxide Carbon dioxide (CO2). Sulphur oxides

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Use water spray jet to protect personnel and to cool endangered containers.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ventilate affected area. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes. Wear personal protection equipment. (See section 8.)

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Ventilate affected area.

Treat the recovered material as prescribed in the section on waste disposal .

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation as well as local exhaustion at critical locations. Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges . Flammable vapours can accumulate in head space of closed systems. In use, may form flammable/explosive vapour-air mixture. Heating causes rise in pressure with risk of bursting.

Further information on handling

General protection and hygiene measures: See section 8.

according to Regulation (EC) No 1907/2006

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7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Protect against direct sunlight. Ensure adequate ventilation of the storage area.

Make sure spills can be contained (e.g. sump pallets or kerbed areas).

Advice on storage compatibility

Do not store together with: Gas. Explosives. Flammable solids. Pyrophoric liquids and solids. Self-heating substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases. Oxidizing liquids. Oxidizing solids. ammonium nitrate. Self-reactive substances and mixtures. Organic peroxides. Non-combustible toxic substances. Radioactive substances. Infectious substances.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Protect against: UV-radiation/sunlight. heat. moisture. frost. storage temperature: 15-25 °C

7.3. Specific end use(s)

Cosmetics

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
67-63-0	67-63-0 propan-2-ol; isopropyl alcohol; isopropanol			
Worker DNEL, long-term dermal systemic 888 mg/kg bw/day			888 mg/kg bw/day	
Worker DNEL, long-term		inhalation	systemic	500 mg/m ³
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m³
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day

PNEC values

CAS No	Substance	
Environment	al compartment	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Freshwater		140,9 mg/l
Freshwater (intermittent releases)		140,9 mg/l
Marine wate	ſ	140,9 mg/l
Freshwater s	sediment	552 mg/kg
Secondary poisoning		160 mg/kg
Micro-organisms in sewage treatment plants (STP)		2251 mg/l
Soil		28 mg/kg

according to Regulation (EC) No 1907/2006

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8.2. Exposure controls

Revision date: 27.02.2018



Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations. Professional: Use only outdoors or in a well-ventilated area.

Protective and hygiene measures

The usual precautions for handling chemicals should be considered.

Keep away from food, drink and animal feedingstuffs.

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream. Take off contaminated clothing.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). DIN EN 166

Hand protection

In case of prolonged or frequently repeated skin contact: Wear suitable gloves. (DIN EN 374)

Suitable material: Butyl rubber.

Thickness of glove material: 0,5 mm

Breakthrough time >= 480 min. penetration time (maximum wearing period): ~ 120 min. (estimated) In the case of wanting to use the gloves again, clean them before taking off and air them well. Before using check leak tightness / impermeability.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

Generation/formation of aerosols

exceeding exposure limit values

Insufficient ventilation.

Suitable respiratory protective equipment: Combination filtering device (EN 14387) Type: A/P1-3 The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates)

that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	not determined
Odour:	perfumed
pH-Value:	

not determined

Changes in the physical state



according to Regulation (EC) No 1907/2006

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Melting point:	not applicable				
Initial boiling point and boiling range:	not determined				
Flash point:	~42 °C				
Explosive properties In use, may form flammable/explosive vapou	ur-air mixture.				
Lower explosion limits:	2 (IPA) vol. %				
Upper explosion limits:	12 (IPA) vol. %				
Ignition temperature:	425 (IPA) °C				
Decomposition temperature:	not determined				
Oxidizing properties none.					
Vapour pressure: (at 20 °C)	48 (IPA) hPa				
Density:	not determined				
Water solubility:	miscible.				
Solubility in other solvents not determined					
Viscosity / dynamic: (at 20 °C)	not determined				
Viscosity / kinematic: (at 20 °C)	not determined				
Vapour density:	not determined				
Evaporation rate:	not determined				
Solvent separation test:	not determined				
Solvent content:	not determined				
9.2. Other information					
Solid content:	not determined				

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat. moisture. In use may form flammable/explosive vapour-air mixture. Heating causes rise in pressure with risk of bursting.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong. Strong acid. strong alkalis.

10.6. Hazardous decomposition products

Can be released in case of fire: Gas/vapours, irritant. Carbon monoxide Carbon dioxide (CO2). Sulphur oxides

SECTION 11: Toxicological information

according to Regulation (EC) No 1907/2006

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11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met. The product has not been tested.

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	oral	LD50 >5000 mg/kg	Rat	ECHA Dossier		
	dermal LD50 >2000 mg/kg		Rabbit	ECHA Dossier		
	inhalative vapour	LC50 (>25) mg/l	Rat (6h)	MSDS external		

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met. May cause sensitisation especially in sensitive humans.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

propan-2-ol; isopropyl alcohol; isopropanol:

OECD Guideline 471 (Bacterial Reverse Mutation Assay) = negative., AllgK267153: ECHA Dossier; OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) = negative., Literature information: ECHA Dossier; No indications of human carcinogenicity exist., Literature information: ECHA Dossier; Reproductive toxicity: Method: OECD Guideline 415 (One-Generation Reproduction Toxicity Study); Species: Rat ; Result: NOAEL = 853 mg/kg; Literature information: ECHA Dossier; Developmental toxicity/teratogenicity: Method: (oral.) OECD Guideline 414 (Prenatal Developmental Toxicity Study); Species: Rabbit ; Result: NOAEL = 480 mg/kg; Literature information: ECHA Dossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

propan-2-ol; isopropyl alcohol; isopropanol:

Chronic inhalative toxicity (Rat): NOAEC = 5000 ppm (OECD 451), Literature information: ECHA Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

Further information

Solvent:

Symptoms: Depression of the central nervous system. Liver and kidney damage. drowsiness. vomiting. Nausea. Dizziness. unconsciousness. Impaired consciousness. Intoxication. erythema (redness)

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

according to Regulation (EC) No 1907/2006

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CAS No Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alc	ohol; isoprop	banol	-			-
	Acute fish toxicity	LC50 mg/l	9640	96 h	Pimephales promelas	ECHA Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	>1800		Scenedesmus quadricauda	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	>10000	48 h	Daphnia magna (24h)	ECHA Dossier	OECD Guideline 202
118-58-1	benzylsalicylate						
	Acute fish toxicity	LC50 mg/l	1,06	96 h	Danio rerio	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	1,29	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	1,13	48 h	Daphnia magna	ECHA Dossier	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name						
	Method Value d Source						
	Evaluation						
67-63-0	0 propan-2-ol; isopropyl alcohol; isopropanol						
	EU Method C.5/ EU Method C.6 53% 5 ECHA Dossier						
	Easily biodegradable (concerning to the criteria of the OECD)						
118-58-1	benzylsalicylate						
	OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D 93% 28 ECHA Dossier						
	Easily biodegradable (concerning to the criteria of the OECD)						

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process. Control report for waste code/ waste marking according to EAKV:

according to Regulation (EC) No 1907/2006

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Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	UN 1993
	FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol.)
14.2. UN proper shipping name:	
<u>14.3. Transport hazard class(es):</u>	3
14.4. Packing group:	III
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Tunnel restriction code:	E
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol.)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1
Marine transport (IMDG)	
<u>14.1. UN number:</u>	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol.)
14.3. Transport hazard class(es):	3
14.4. Packing group:	111

according to Regulation (EC) No 1907/2006

Tint Remover					
Revision date: 27.02.2018 Product code: 658. Page 11					
Hazard label:	3				
Special Provisions:	223, 274, 955				
Limited quantity:	5 L				
Excepted quantity:	E1				
EmS:	F-E, S-E				
Air transport (ICAO-TI/IATA-DGR)	1014002				
<u>14.1. UN number:</u>	UN 1993				
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol.)				
14.3. Transport hazard class(es):	3				
14.4. Packing group:	III				
Hazard label:	3				
Special Dravisional					
Special Provisions: Limited quantity Passenger:	A3 10 L				
Passenger LQ:	Y344				
Excepted quantity:	E1				
IATA-packing instructions - Passenger:	355				
IATA-max. quantity - Passenger:	60 L				
IATA-packing instructions - Cargo:	366				
IATA-max. quantity - Cargo:	220 L				
14.5. Environmental hazards					
ENVIRONMENTALLY HAZARDOUS:	no				
14.6. Special precautions for user					
See section 8. 14.7. Transport in bulk according to Annex	II of Merric and the IDC Code				
not relevant.					
SECTION 15: Regulatory information					
15.1. <u>Safety, health and environmental regu</u>	lations/legislation specific for the substance or mixture				
EU regulatory information					
2010/75/EU (VOC):	not determined				
2004/42/EC (VOC):	not determined				
Information according to 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS				
Additional information					
The mixture is classified as hazardous REACH 1907/2006 Appendix XVII, No	according to regulation (EC) No 1272/2008 [CLP]. (mixture): 3				
National regulatory information					
	Observe restrictions to employment for juvenils according to the 'ju	venile			
Employment restrictions:					
Employment restrictions: Water contaminating class (D):	work protection guideline' (94/33/EC). 1 - slightly water contaminating				

according to Regulation (EC) No 1907/2006

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15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

SECTION 16: Other information

Changes

Rev. 1.00; 27.02.2018, Initial release

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
CAS Chemical Abstracts Service
DNEL: Derived No Effect Level
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect level
NTP: National Toxicology Program
N/A: not applicable
OSHA: Occupational Safety and Health Administration
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de
fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
SARA: Superfund Amendments and Reauthorization Act
SVHC: substance of very high concern
TRGS Technische Regeln fuerGefahrstoffe
TSCA: Toxic Substances Control Act
VOC: Volatile Organic Compounds
VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe
WGK: Wassergefaehrdungsklasse

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains benzylsalicylate. May produce an allergic reaction.

Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:

according to Regulation (EC) No 1907/2006

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Health hazards: Calculation method. Environmental hazards: Calculation method. Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Relaxing Eye Cream

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH	
Street:	Ziegeleiweg 40	
Place:	D Goldberg	
Telephone:	+49 [0] 451 30 800 90	Telefax:+49 [0] 451 20 351 03
Responsible Department:	Dr. Gans-Eichler	e-mail: info@tge-consult.de
	Chemieberatung GmbH	Tel.: +49(0)251/394868-69
	Raesfeldstr. 22	www.tge-consult.de
	D-48149 Münster	
1.4. Emergency telephone	Tel.: +49 (0) 170 2450126	

1.4. Emergency telephone

number:

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

Additional advice on labelling

Labelling according to cosmetic directive.

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times. The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

according to Regulation (EC) No 1907/2006

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3.2. Mixtures

Hazardous components

CAS No	Chemical name	Chemical name		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
122-99-6	2-phenoxyethanol			< 1 %
	204-589-7	603-098-00-9		
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
1117-86-8	octane-1,2-diol			< 1 %

according to Regulation (EC) No 1907/2006

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	2	214-254-7		
ſ	E	Eye Irrit. 2; H319		

Full text of H and EUH statements: see section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Discharge into the environment must be avoided.

according to Regulation (EC) No 1907/2006

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6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Recommended storage temperature: 20°C Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

No special measures are necessary.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

In case of prolonged or frequently repeated skin contact: Wear suitable gloves. Suitable material: FKM (fluororubber). - Thickness of glove material: 0,4 mm Breakthrough time >= 8 h

according to Regulation (EC) No 1907/2006

Relaxing Eye Cream Product code: 834.

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Butyl rubber. - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time >= 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

No special precautionary measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Cream	
Colour:	not determined	
Odour:	characteristic	
pH-Value (at 20 °C):		6 - 7
Changes in the physical state		
Melting point:		not determined
Initial boiling point and boiling range:		not determined
Sublimation point:		not determined
Softening point:		not determined
Pour point:		not determined
Flash point:		not determined
Sustaining combustion:		Not sustaining combustion
Explosive properties none		
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Ignition temperature:		not determined
Auto-ignition temperature Gas:		not determined
Oxidizing properties none		
Vapour pressure:		not determined
Density (at 20 °C):		~1 g/cm ³
Water solubility:		miscible.

according to Regulation (EC) No 1907/2006

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Solubility in other solvents not determined		
Partition coefficient:	not determined	
Viscosity / dynamic:	not determined	
Viscosity / kinematic:	not determined	
Flow time:	not determined	
Vapour density:	not determined	
Evaporation rate:	not determined	
Solvent separation test:	not determined	
Solvent content:	not determined	
9.2. Other information		
Solid content:	not determined	

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
122-99-6	2-phenoxyethanol				
	oral	LD50 1850 mg/kg	Rat	ECHA Dossier	
1117-86-8	octane-1,2-diol				
	oral	LD50 >2000 mg/kg	Rat.	ECHA Dossier	

Irritation and corrosivity

Based on available data, the classification criteria are not met.

according to Regulation (EC) No 1907/2006

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Sensitising effects Based on available data, the classification criteria are not met.			
Carcinogenic/mutagenic/toxic effects for reproduction Based on available data, the classification criteria are not met.			
STOT-single exposure Based on available data, the classification criteria are not met.			
STOT-repeated exposure Based on available data, the classification criteria are not met.			
Aspiration hazard			

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name						
	Aquatic toxicity	Dose	[h] [d] Spe		Species	Source	Method
122-99-6	2-phenoxyethanol						
	Acute fish toxicity	LC50 460 mg/l	220 -	96 h	Leuciscus idus	ECHA Dossier	
	Acute algae toxicity	ErC50	443 mg/l	72 h	Desmodesmus subspicatus	ECHA Dossier	
	Acute crustacea toxicity	EC50	488 mg/l	48 h	Daphnia magna	ECHA Dossier	
	Fish toxicity	NOEC	(23) mg/l	34 c	Pimephales promelas	ECHA Dossier	
	Crustacea toxicity	NOEC mg/l	(9,43)	21 c	Daphnia magna	ECHA Dossier	
1117-86-8	octane-1,2-diol						
	Acute fish toxicity	LC50 mg/l	2,2-22	96 h	Danio rerio	ECHA Dossier	
	Acute algae toxicity	ErC50	35 mg/l	72 h	Pseudokirchnerella subcapitata	ECHA Dossier	
	Acute crustacea toxicity	EC50	174 mg/l	48 h	Daphnia magna	ECHA Dossier	
	Algea toxicity	NOEC	14 mg/l	3 0	Pseudokirchnerella subcapitata	ECHA Dossier	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name				
	Method	Value	(d	Source
	Evaluation				
122-99-6 2-phenoxyethanol					
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D 90% 28 ECHA Dossier			ECHA Dossier	
	Readily biodegradable (according to OECD criteria).				
1117-86-8	8 octane-1,2-diol				
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D 85% 28 ECHA Dossier			ECHA Dossier	
	Easily biodegradable (concerning to the criteria of the OECD)				

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

according to Regulation (EC) No 1907/2006

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Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
122-99-6	2-phenoxyethanol	1,2
1117-86-8	octane-1,2-diol	2,1

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of contaminated packaging

150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.
Marine transport (IMDG)	
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.

according to Regulation (EC) No 1907/2006

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14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.		
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.		
14.4. Packing group:	No dangerous good in sense of this transport regulation.		
Air transport (ICAO-TI/IATA-DGR)			
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.		
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.		
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.		
14.4. Packing group:	No dangerous good in sense of this transport regulation.		
14.5. Environmental hazards			
ENVIRONMENTALLY HAZARDOUS:	no		
14.6. Special precautions for user refer to chapter 6-8			
14.7. Transport in bulk according to Anney not relevant	<u>c II of Marpol and the IBC Code</u>		
SECTION 15: Regulatory information			
15.1. Safety, health and environmental regu	ulations/legislation specific for the substance or mixture		
EU regulatory information			
2010/75/EU (VOC):	No information available.		
2004/42/EC (VOC):	No information available.		
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)		
Additional information			
The mixture is classified as not hazar REACH 1907/2006 Appendix XVII: no	dous according to regulation (EC) No 1272/2008 [CLP]. ot relevant		
National regulatory information			
Water contaminating class (D):	1 - slightly water contaminating		
15.2. Chemical safety assessment			
For the following substances of this m	nixture a chemical safety assessment has been carried out:		
SECTION 16: Other information			
Changes			
Rev. 1.00; Initial release: 27.02.2018			
Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route CAS Chemical Abstracts Service DNEL: Derived No Effect Level IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization			

ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

according to Regulation (EC) No 1907/2006

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LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level NTP: National Toxicology Program N/A: not applicable OSHA: Occupational Safety and Health Administration PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) SARA: Superfund Amendments and Reauthorization Act SVHC: substance of very high concern TRGS Technische Regeln fuerGefahrstoffe **TSCA: Toxic Substances Control Act** VOC: Volatile Organic Compounds VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe WGK: Wassergefaehrdungsklasse

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
EUH210	Safety data sheet available on request.

Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data.)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

INTENSIVE Eye-Make-up-Remover

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cosmetics

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name:	Biosmetics GmbH
Street:	Ziegeleiweg 40
Place:	
Telephone:	1.4. Emergency telephone number:
Responsible Department:	Further Information

according to Regulation (EC) No 1907/2006

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D Goldberg +49 [0] 451 30 800 90 D r	er e-mail: info@tge-consult.de Chemieheratung49f09f451 20 35feli3+49(0)251/394868-69 Raesfeldstr. 22 www.tge-consult.de D-48149 Münster Tel.: +49 (0) 170 2450126		
G a n s - E i c h l			

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

EUH208

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

Contains benzylsalicylate, Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Additional advice on labelling

Labelling according to cosmetic directive.

2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times. The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

according to Regulation (EC) No 1907/2006

INTENSIVE Eye-Make-up-Remover

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General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

according to Regulation (EC) No 1907/2006

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Advice on safe handling

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion Usual measures for fire prevention.

Further information on handling

General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity. Recommended storage temperature: 20°C Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

No special measures are necessary.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

In case of prolonged or frequently repeated skin contact: Wear suitable gloves. Suitable material: FKM (fluororubber). - Thickness of glove material: 0,4 mm Breakthrough time >= 8 h Butyl rubber. - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm Breakthrough time >= 8 h PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm Breakthrough time >= 8 h

according to Regulation (EC) No 1907/2006

	according to Regulation (EC) No 1907/2006	
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EN 374 derived from it.	to satisfy the specifications of EU Directive 89/686/EEC and the standard mpermeability. In the case of wanting to use the gloves again, clean them	
Skin protection Suitable protective clothing: Lab apre	on. easures while handling with working materials are specified in the TRGS	
Respiratory protection		
With correct and proper use, and un	der normal conditions, breathing protection is not required.	
Environmental exposure controls No special precautionary measures	are necessary.	
SECTION 9: Physical and chemical pro	operties	
9.1. Information on basic physical and ch	nemical properties	
Physical state:	liquid	
Colour:	not determined	
Odour:	characteristic	
pH-Value (at 20 °C):	7,15-7,35	
Changes in the physical state		
Melting point:	not determined	
Initial boiling point and boiling range:	not determined	
Sublimation point:	not determined	
Softening point:	not determined	
Pour point:	not determined	
Flash point:	not determined	
Sustaining combustion:	Not sustaining combustion	
Explosive properties none		
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Ignition temperature:	not determined	
Auto-ignition temperature Gas:	not determined	
Oxidizing properties none		
Vapour pressure:	not determined	
Density:	not determined	
Water solubility:	miscible.	
Solubility in other solvents not determined		
Partition coefficient:	not determined	
Viscosity / dynamic:	not determined	
Viscosity / kinematic:	not determined	
Flow time:		
	not determined	
Vapour density:	not determined	

IN IN	TENSIVE Eye-Make-up-Remover
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Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined
0.2. Other information	
Solid content:	not determined
SECTION 10: Stability and reactivity	
0.1. Reactivity	
No information available.	
0.2. Chemical stability	
The mixture is chemically stable under re	commended conditions of storage, use and temperature.
0.3. Possibility of hazardous reactions	
No information available.	
IO.4. <u>Conditions to avoid</u> Protect against: UV-radiation/sunlight. he	eat.
10.5. Incompatible materials Materials to avoid: Oxidizing agents, stro	na. Reducina agents, strona.
0.6. <u>Hazardous decomposition products</u>	
Can be released in case of fire: Carbon n	nonoxide, Carbon dioxide (CO2).
SECTION 11: Toxicological information	
1.1. Information on toxicological effects	
Toxicocinetics, metabolism and distribution No data available.	n
Acute toxicity Based on available data, the classificatio	n criteria are not met.
Irritation and corrosivity Based on available data, the classificatio	n criteria are not met.
Sensitising effects Based on available data, the classificatio	n criteria are not met.
Carcinogenic/mutagenic/toxic effects for r	
Based on available data, the classificatio STOT-single exposure	n criteria are not met.
Based on available data, the classificatio STOT-single exposure Based on available data, the classificatio STOT-repeated exposure	n criteria are not met. n criteria are not met.
Based on available data, the classificatio STOT-single exposure Based on available data, the classificatio	n criteria are not met. n criteria are not met. n criteria are not met.
Based on available data, the classificatio STOT-single exposure Based on available data, the classificatio STOT-repeated exposure Based on available data, the classificatio Aspiration hazard	n criteria are not met. n criteria are not met. n criteria are not met. n criteria are not met.
Based on available data, the classification STOT-single exposure Based on available data, the classification STOT-repeated exposure Based on available data, the classification Aspiration hazard Based on available data, the classification Specific effects in experiment on an anima	n criteria are not met. n criteria are not met. n criteria are not met. n criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

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12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of contaminated packaging

150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.
Inland waterways transport (ADN)	
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.
Marine transport (IMDG)	
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.

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14.4. Packing group:	No dangerous good in sense of this transport regulation.	
Air transport (ICAO-TI/IATA-DGR)		
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.	
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.	
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.	
14.4. Packing group:	No dangerous good in sense of this transport regulation.	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	no	
14.6. Special precautions for user refer to chapter 6-8		
14.7. Transport in bulk according to Anne	ex II of Marpol and the IBC Code	
not relevant		
SECTION 15: Regulatory information		
15.1. Safety, health and environmental rec	ulations/legislation specific for the substance or mixture	
EU regulatory information		
2010/75/EU (VOC):	No information available.	
2004/42/EC (VOC):	No information available.	
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)	
Additional information		
The mixture is classified as not haza REACH 1907/2006 Appendix XVII: r	rdous according to regulation (EC) No 1272/2008 [CLP]. not relevant	
National regulatory information		
Water contaminating class (D):	1 - slightly water contaminating	
15.2. Chemical safety assessment		
	mixture a chemical safety assessment has been carried out:	
SECTION 16: Other information		
Changes		
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Abbreviations and acronyms		
-	ort des marchandises dangereuses par Route	
CAS Chemical Abstracts Service		
DNEL: Derived No Effect Level		
IARC: INTERNATIONAL AGENCY F IMDG: International Maritime Code f		
IATA: International Air Transport As	-	
	lations by the "International Air Transport Association" (IATA)	
ICAO: International Civil Aviation Or	ganization	
	ne "International Civil Aviation Organization" (ICAO)	
	of Classification and Labelling of Chemicals Ordinance on Hazardous Substances, Germany)	
LOAEL: Lowest observed adverse e		
LOAEC: Lowest observed adverse e		

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

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NOAEC: No observed adverse effect level

NTP: National Toxicology Program

N/A: not applicable OSHA: Occupational Safety and Health Administration

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de

fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

SARA: Superfund Amendments and Reauthorization Act

SVHC: substance of very high concern

TRGS Technische Regeln fuerGefahrstoffe

TSCA: Toxic Substances Control Act

VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe

WGK: Wassergefaehrdungsklasse

Relevant H and EUH statements (number and full text) EUH208 Contains benzylsalicylate. Mixtu

Contains benzylsalicylate, Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)