

Safety Data Sheet

according to HPR, Schedule 1

Printing date 11/19/2021

Version number 1

Reviewed on 11/19/2021

1 Identification

- **Product identifier**
- **Trade name: Intensifying Primer (US)**
- **Article number:** FA53xx
- **Application of the substance / the mixture** cosmetic product
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
GW Cosmetics GmbH
Achauerstrasse 49a
A-2333 Leopoldsdorf
Tel.: +43 / 2235 / 47 940-0
Fax: +43 / 2235 / 47 940-39
Email: office@gwcosmetics.at
Website: https://gwcosmetics.at/
- **Information department:**
office@gwcosmetics.at
+43 / 2235 / 47 940-0
- **Emergency telephone number:** +43 / 2235 / 47 940-0 (09:00-16:00 CET)

2 Hazard identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).
- **Additional information:** No self sustained combustion for the product is shown.
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard-determining components of labeling:**
ethanol
- **Hazard statements** Void
- **Other hazards**
As a cosmetical preparation the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials.

3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below including additives not requiring identification.

- **Dangerous components:**

| | | |
|-------------------|---------|----------------|
| CAS: 64-17-5 | ethanol | 10 - 30% w/w * |
| RTECS: KQ 6300000 | | |

* Actual concentration ranges are withheld as a trade secret.

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water.

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

1.1. Product identifier

Developer Gel

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: | GW Cosmetics GmbH | |
| Street: | Achauerstrasse 49a | |
| Place: | A-2333 Leopoldsdorf | |
| Telephone: | +43 / 2235 / 47 940-0 | Telefax: +43 / 2235 / 47 940-39 |
| Responsible Department: | office@gwcosmetics.at | |

1.4. Emergency telephone number:

+43 / 2235 / 47 940-0 (09:00-16:00 CET)

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

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

silver nitrate

Signal word: Danger

Pictograms:



Hazard statements

| | |
|------|---|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|------|---------------------------------------|
| P264 | Wash hands thoroughly after handling. |
|------|---------------------------------------|

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| | |
|----------------|--|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P391 | Collect spillage. |
| P501 | Dispose of contents/container to local/regional/national/international regulations. |

Additional advice on labelling

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

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

Hazardous components

| CAS No | Chemical name | | | Quantity |
|-----------|--|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 7761-88-8 | silver nitrate | | | 3 - < 5 % |
| | 231-853-9 | 047-001-00-2 | 01-2119513705-43 | |
| | Ox. Sol. 2, Met. Corr. 1, Skin Corr. 1B, Aquatic Acute 1 (M-Factor = 1000), Aquatic Chronic 1 (M-Factor = 100); H272 H290 H314 H400 H410 | | | |
| 7664-41-7 | ammonia, anhydrous | | | 0.5 - < 1 % |
| | 231-635-3 | 007-001-00-5 | 01-2119488876-14 | |
| | Flam. Gas 2, Liquefied gas, Acute Tox. 3, Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 2; H221 H280 H331 H314 H400 H411 EUH071 | | | |

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

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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) Ammonia (NH₃). Nitrogen oxides (NO_x). metal 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**

Safe handling: see section 7

Personal protection equipment: see section 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

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: See section 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.

Hints on joint storage

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

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Further information on storage conditions

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

Recommended storage temperature: 20°C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|-----------|----------------------------------|-----|-------------------|-----------|---------------|--------|
| 7664-41-7 | Ammonia, anhydrous | 25 | 18 | | TWA (8 h) | WEL |
| | | 35 | 25 | | STEL (15 min) | WEL |
| - | Silver (soluble compounds as Ag) | - | 0.01 | | TWA (8 h) | WEL |

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|--------------------|----------------|----------|-------------------------|
| 7761-88-8 | silver nitrate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 0,016 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 0,006 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 0,02 mg/kg bw/day |
| 7664-41-7 | ammonia, anhydrous | | | |
| Worker DNEL, long-term | | inhalation | systemic | 47,6 mg/m ³ |
| Worker DNEL, acute | | inhalation | systemic | 47,6 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 14 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 36 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 6,8 mg/kg bw/day |
| Worker DNEL, acute | | dermal | systemic | 6,8 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 23,8 mg/m ³ |
| Consumer DNEL, acute | | inhalation | systemic | 23,8 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | local | 2,8 mg/m ³ |
| Consumer DNEL, acute | | inhalation | local | 7,2 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 68 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | systemic | 68 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 6,8 mg/kg bw/day |
| Consumer DNEL, acute | | oral | systemic | 6,8 mg/kg bw/day |

PNEC values

| CAS No | Substance | Value |
|--------------|----------------|--------------|
| 7761-88-8 | silver nitrate | |
| Freshwater | | 0,00004 mg/l |
| Marine water | | 0,00086 mg/l |

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| | |
|--|--------------------|
| Freshwater sediment | 438,13 mg/kg |
| Marine sediment | 438,13 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | 0,025 mg/l |
| Soil | 1,41 mg/kg |
| 7664-41-7 | ammonia, anhydrous |
| Freshwater | 0,001 mg/l |
| Freshwater (intermittent releases) | 0,007 mg/l |
| Marine water | 0,001 mg/l |

8.2. Exposure controls



Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

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

Wear safety glasses; chemical goggles (if splashing is possible). BS/EN 166

Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time \geq 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 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.

Check leak tightness/impermeability prior to use. 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 (D).

Respiratory protection

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

Respiratory protection necessary at:

-Exceeding exposure limit values

-Insufficient ventilation. and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates)

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that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

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: | liquid | |
| Colour: | not determined | |
| Odour: | characteristic | |
| pH-Value: | | not determined |

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: | | No data available |

Explosive properties

none

| | | |
|-------------------------|--|----------------|
| Lower explosion limits: | | not determined |
| Upper explosion limits: | | not determined |
| Ignition temperature: | | not determined |

Auto-ignition temperature

Gas:

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

| | | |
|--------------------------|--|----------------|
| 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 |
|----------------|--|----------------|

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SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Refer to chapter 10.5.

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

Toxicokinetics, 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 |
| 7761-88-8 | silver nitrate | | | | |
| | oral | LD50 >5000 mg/kg | Rat | ECHA Dossier | |
| | dermal | LD50 >2000 mg/kg | Rat | ECHA Dossier | |
| 7664-41-7 | ammonia, anhydrous | | | | |
| | oral | LD50 350 mg/kg | Rat | Journal of Industrial Hygiene and Toxicology | OECD Guideline 401 |
| | inhalation vapour | ATE 3 mg/l | | | |
| | inhalation aerosol | ATE 0,5 mg/l | | | |
| | inhalation (4 h) gas | LC50 2000 ppm | Rat | RTECS | |

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

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.

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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 | |
| 7761-88-8 | silver nitrate | | | | | | |
| | Acute crustacea toxicity | EC50 mg/l | 0,00022 | 48 h | Daphnia magna | ECHA Dossier | |
| | Fish toxicity | NOEC 1 mg/l | 0,00035 | 32 d | Pimephales promelas | ECHA Dossier | |
| | Crustacea toxicity | NOEC mg/l | 0,00032 | 21 d | Daphnia magna | ECHA Dossier | |
| 7664-41-7 | ammonia, anhydrous | | | | | | |
| | Acute crustacea toxicity | EC50 | 101 mg/l | 48 h | Daphnia magna | Environ. Toxicol. Chem. 5: 443-447 (1986) | other: ASTM E729-80 |

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|-----------|--------------------|---------|
| 7664-41-7 | ammonia, anhydrous | -1,14 |

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

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, 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 (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

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200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing hazardous substances; hazardous waste

List of Wastes Code - used product

200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing hazardous substances; hazardous waste

List of Wastes Code - 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)

| | |
|--|---|
| 14.1. UN number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (silver nitrate) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| |  |
| Classification code: | M6 |
| Special Provisions: | 274 335 375 601 |
| Limited quantity: | 5 L |
| Excepted quantity: | E1 |
| Transport category: | 3 |
| Hazard No: | 90 |
| Tunnel restriction code: | - |

Inland waterways transport (ADN)

| | |
|--|---|
| 14.1. UN number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (silver nitrate) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| |  |
| Classification code: | M6 |
| Special Provisions: | 274 335 375 601 |
| Limited quantity: | 5 L |
| Excepted quantity: | E1 |

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Marine transport (IMDG)

| | |
|--|--|
| 14.1. UN number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver nitrate) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9  |
| Marine pollutant: | YES |
| Special Provisions: | 274, 335, 969 |
| Limited quantity: | 5 L |
| Excepted quantity: | E1 |
| EmS: | F-A, S-F |

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|--|
| 14.1. UN number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver nitrate) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9  |
| Special Provisions: | A97 A158 A197 |
| Limited quantity Passenger: | 30 kg G |
| Passenger LQ: | Y964 |
| Excepted quantity: | E1 |
| IATA-packing instructions - Passenger: | 964 |
| IATA-max. quantity - Passenger: | 450 L |
| IATA-packing instructions - Cargo: | 964 |
| IATA-max. quantity - Cargo: | 450 L |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: silver nitrate

14.6. Special precautions for user

Refer to section 6-8

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

not relevant

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): No information available.

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2004/42/EC (VOC): No information available.
 Information according to 2012/18/EU (SEVESO III): E1 Hazardous to the Aquatic Environment

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2019/957)
 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).
 Water hazard class (D): 3 - strongly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
 ammonia, anhydrous

SECTION 16: Other information**Changes**

Rev. 1.0; Initial release: 05.03.2020

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 CAS Chemical Abstracts Service
 CLP: Classification, Labelling and Packaging of substances and mixtures
 DNEL: Derived No Effect Level
 d: day(s)
 EINECS: European INventory of Existing Commercial chemical Substances
 ELINCS: European List of Notified Chemical Substances
 ECHA: European Chemicals Agency
 EWC: European Waste Catalogue
 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)
 h: hour
 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 concentration
 NLP: No-Longer Polymers
 N/A: not applicable
 OECD: Organisation for Economic Co-operation and Development
 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)
 REACH: Registration, Evaluation, Authorisation of Chemicals

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SVHC: substance of very high concern
 TRGS: Technische Regeln für Gefahrstoffe
 UN: United Nations
 VOC: Volatile Organic Compounds

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Skin Irrit. 2; H315 | Calculation method |
| Eye Dam. 1; H318 | Calculation method |
| Aquatic Acute 1; H400 | Calculation method |
| Aquatic Chronic 1; H410 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H221 | Flammable gas. |
| H272 | May intensify fire; oxidiser. |
| H280 | Contains gas under pressure; may explode if heated. |
| H290 | May be corrosive to metals. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| 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. |
| EUH071 | Corrosive to the respiratory tract. |

Further Information

Classification according to Regulation (EC) No 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.)

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

1.1. Product identifier

Colour Gel

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

Use of the substance/mixture

Cosmetics, Colorants for eyebrows, Eyelash color

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: GW Cosmetics GmbH

Street: Achauerstrasse 49a

Place: A-2333 Leopoldsdorf

Telephone: +43 / 2235 / 47 940-0

Telefax: +43 / 2235 / 47 940-39

Responsible Department: office@gwcosmetics.at

1.4. Emergency telephone number:

+43 / 2235 / 47 940-0 (09:00-16:00 CET)

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

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

Hazardous components

| CAS No | Chemical name | | | Quantity |
|---------|---------------------------------------|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64-17-5 | ethanol, ethyl alcohol | | | 15 - < 20 % |
| | 200-578-6 | 603-002-00-5 | 01-2119457610-43 | |
| | Flam. Liq. 2, Eye Irrit. 2; H225 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

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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.

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

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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

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.

Hints on joint storage

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 absorption of humidity.

Recommended storage temperature: 20°C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|---------|-----------|------|-------------------|-----------|-----------|--------|
| 64-17-5 | Ethanol | 1000 | 1920 | | TWA (8 h) | WEL |

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|---------|--------------------------|----------------|----------|------------------------|
| 64-17-5 | ethanol, ethyl alcohol | | | |
| | Worker DNEL, acute | inhalation | local | 1900 mg/m ³ |
| | Worker DNEL, long-term | dermal | systemic | 343 mg/kg bw/day |
| | Worker DNEL, long-term | inhalation | systemic | 950 mg/m ³ |
| | Consumer DNEL, acute | inhalation | local | 950 mg/m ³ |
| | Consumer DNEL, long-term | dermal | systemic | 206 mg/kg bw/day |
| | Consumer DNEL, long-term | inhalation | systemic | 114 mg/m ³ |
| | Consumer DNEL, long-term | oral | systemic | 87 mg/kg bw/day |

PNEC values

| CAS No | Substance | Value |
|---------|------------------------------------|-----------|
| 64-17-5 | ethanol, ethyl alcohol | |
| | Freshwater | 0,96 mg/l |
| | Freshwater (intermittent releases) | 2,75 mg/l |
| | Marine water | 0,79 mg/l |

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| | |
|--|------------|
| Marine water (intermittent releases) | 2,75 mg/l |
| Freshwater sediment | 3,6 mg/kg |
| Marine sediment | 2,9 mg/kg |
| Secondary poisoning | 0,72 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | 580 mg/l |
| Soil | 0,63 mg/kg |

8.2. Exposure controls**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

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 \geq 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 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: | liquid |
| Colour: | not determined |
| Odour: | characteristic |

Test method

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| | |
|--|---------------------------|
| pH-Value: | not determined |
| 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: | 42 °C DIN EN ISO 13736 |
| 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 |
| 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

Refer to chapter 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

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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

Toxicokinetics, 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 |
| 64-17-5 | ethanol, ethyl alcohol | | | | |
| | oral | LD50 >5000 mg/kg | Rat | ECHA Dossier | |
| | inhalation (4 h) vapour | LC50 124,7 mg/l | 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

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

Ethanol:

In-vitro mutagenicity: No experimental indications of mutagenicity in-vitro exist. Reproductive toxicity:

Exposure time: 18 weeks Species: CD-1 Mouse. Method: OECD Guideline 416

Result: NOAEL = 20700 mg/kg/day Developmental toxicity/teratogenicity: Exposure time: 19d Species:

Sprague-Dawley Rat. Method: OECD Guideline 414 Result: NOAEL = 16000 ppm (maternal toxicity) Result:

NOAEL >= 20000 ppm (teratogenicity) 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.

Ethanol:

Subchronic oral toxicity:

Exposure time: 90d; Species: Sprague-Dawley Rat.

Method: OECD Guideline 408; Result: NOAEL = 1280 mg/kg; 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 |
| | | | | | | |

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| 64-17-5 | ethanol, ethyl alcohol | | | | | |
|---------|--------------------------|--------------|----------|------|---------------------|--------------|
| | Acute fish toxicity | LC50 mg/l | 14200 | 96 h | Pimephales promelas | ECHA Dossier |
| | Acute algae toxicity | ErC50 | 275 mg/l | 72 h | Chlorella vulgaris | ECHA Dossier |
| | Acute crustacea toxicity | EC50 mg/l | 5012 | 48 h | Ceriodaphnia dubia | ECHA Dossier |
| | Crustacea toxicity | NOEC mg/l | (9,6) | 9 d | Daphnia magna | ECHA Dossier |

12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|---------|------------------------|-------|----|--------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 64-17-5 | ethanol, ethyl alcohol | | | |
| | other guideline | 84% | 20 | ECHA Dossier |
| | Biodegradable. | | | |

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|---------|------------------------|---------|
| 64-17-5 | ethanol, ethyl alcohol | -0,31 |

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

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, 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:

List of Wastes Code - residues/unused products

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

List of Wastes Code - used product

200128 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

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List of Wastes Code - 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)

14.1. UN number: 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)

14.1. UN number: 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)

14.1. UN number: 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.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: 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 section 6-8

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

not relevant

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 40: ethanol, ethyl alcohol

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

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2019/957)
 The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].
 REACH 1907/2006 Appendix XVII: not relevant

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
 ethanol, ethyl alcohol

SECTION 16: Other information**Changes**

Rev. 1.0; Initial release: 05.03.2020

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 CAS Chemical Abstracts Service
 CLP: Classification, Labelling and Packaging of substances and mixtures
 DNEL: Derived No Effect Level
 d: day(s)
 EINECS: European INventory of Existing Commercial chemical Substances
 ELINCS: European List of Notified Chemical Substances
 ECHA: European Chemicals Agency
 EWC: European Waste Catalogue
 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)
 h: hour
 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 concentration
 NLP: No-Longer Polymers
 N/A: not applicable
 OECD: Organisation for Economic Co-operation and Development
 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)
 REACH: Registration, Evaluation, Authorisation of Chemicals
 SVHC: substance of very high concern
 TRGS: Technische Regeln für Gefahrstoffe
 UN: United Nations
 VOC: Volatile Organic Compounds

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

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H319 Causes serious eye irritation.

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.)

Safety Data Sheet

according to HPR, Schedule 1

Printing date 11/19/2021

Version number 1

Reviewed on 11/19/2021

Trade name: Intensifying Primer (US)

(Contd. of page 1)

In case of permanent aches and pains please go and see the doctor.

- **After swallowing:**

Rinse out mouth.

If symptoms persist consult doctor.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

Foam, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

- **Advice for firefighters**

- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.

- **Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the collected material according to regulations.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **Handling:**

- **Precautions for safe handling** No special measures required.

- **Information about protection against explosions and fires:**

Keep away from heat, sparks and open flames.

Keep ignition sources away - Do not smoke.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store container tightly sealed at a cool place.

- **Information about storage in one common storage facility:**

Keep away from strong acidic or basic materials and oxidizing agents.

- **Further information about storage conditions:** None.

(Contd. on page 3)

CA

Safety Data Sheet

according to HPR, Schedule 1

Printing date 11/19/2021

Version number 1

Reviewed on 11/19/2021

Trade name: Intensifying Primer (US)

(Contd. of page 2)

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/ Personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
 - PEL: Permissible Exposure Limit
 - REL: Recommended Exposure Limit
 - TLV: Threshold Limit Value

64-17-5 ethanol

| | |
|----|--|
| EL | STEL: 1000 ppm |
| EV | TWA: 1,900 mg/m ³ , 1,000 ppm |

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
 - **General protective and hygienic measures:**
 - Wash hands before breaks and at the end of work.
 - Do not eat, drink, smoke or sniff while working.
 - Avoid contact with the eyes and skin.
 - Keep away from foodstuffs, beverages and feed.
 - **Breathing equipment:** Not required.
 - **Protection of hands:** No special precautions are necessary if used correctly.
 - **Material of gloves:** Not required.
 - **Penetration time of glove material:** Not required.
 - **Eye protection:** Not required when used as intended.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
 - **Appearance:**
 - **Form:** Liquid
 - **Color:** Different according to coloring
 - **Odor:** Characteristic
 - **Odor threshold:** Not determined.
 - **pH-value:** 5.5 - 6.5
 - **Change in condition**
 - **Melting point/Melting range:** Undetermined.
 - **Boiling point/Boiling range:** ca. 78 °C
 - **Flash point:** 39.5 °C (DIN EN ISO 1523)
 - **Flammability (solid, gaseous):** Not applicable.
 - **Decomposition temperature:** Not determined.
 - **Auto igniting:** Product is not selfigniting.
 - **Danger of explosion:** Product does not present an explosion hazard.
 - **Explosion limits:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
 - **Vapor pressure:** Not determined.

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CA

Safety Data Sheet

according to HPR, Schedule 1

Printing date 11/19/2021

Version number 1

Reviewed on 11/19/2021

Trade name: Intensifying Primer (US)

(Contd. of page 3)

| | |
|----------------------------|------------------------|
| · Density at 20 °C: | 0.99 g/cm ³ |
| · Relative density | Not determined. |
| · Vapor density | Not determined. |
| · Evaporation rate | Not determined. |

| | |
|---|-----------------|
| · Solubility in / Miscibility with | |
| · Water: | Fully miscible. |

· **Segregation coefficient (n-octanol/water):** Not determined.

| | |
|----------------------------|--------------------|
| · Viscosity: | |
| · Dynamic at 20 °C: | 10000 - 20000 mPas |
| · Kinematic: | Not determined. |

· **Other information** No self sustained combustion for the product is shown.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

64-17-5 ethanol

| | | |
|------------|------|----------------------------------|
| Oral | LD50 | 15,010 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | > 20,000 mg/kg (rabbit) |
| Inhalative | LC50 | > 114 mg/l/1h (mouse) (OECD 403) |
| | LC50 | 125 mg/l/4h (rat) (OECD 403) |

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

The product is not subject to classification according to internally approved calculation methods for preparations.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

| | | |
|-----------|------------------|---|
| 64-17-5 | ethanol | 1 |
| 9003-01-4 | Polyacrylic acid | 3 |

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

64-17-5 ethanol

| | |
|----------------|---|
| LC50 | 14,200 mg/l (fish) |
| EC50 (static) | 5,012 mg/l/48h (Ceriodaphnia dubia) (ASTM E729-80) |
| EC50 (static) | 675 mg/l/96h (Chlorella vulgaris) (OECD 201) |
| EC50 | 275 mg/l/120h (Algae) |
| LC50 (dynamic) | 15,300 mg/l/96h (Pimephales promelas) (US EPA E03-05) |

- **Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **Behavior in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water (Germany)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
 - **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.
Non contaminated packagings can be used for recycling.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
 - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|---|---------------------------|
| · UN-Number | |
| · DOT/TDG, ADR, IMDG, IATA | Void |
| · UN proper shipping name | |
| · DOT/TDG, ADR, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · DOT/TDG (Transport dangerous goods): | |
| · Class | Void No hazardous good |
| · ADR, ADN, IMDG | |
| · Class | Void |

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| | |
|--|--|
| · IATA | |
| · Class | Void Not Restricted |
| · Packing group | |
| · DOT/TDG, ADR, IMDG, IATA | Void |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

- **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

64-17-5 | ethanol

- **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.

- **Department issuing SDS:**



This Safety Data Sheet has been drawn up in cooperation with:

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• Contact:

• **Date of the latest revision of the safety data sheet** 11/19/2021 / -

• Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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