# **Safety Data Sheet**

# according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 1 of 14

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

#### 1.1. Product identifier

Orange Krush

UFI: 4JHF-1PW7-1FFJ-04YS

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

#### Use of the substance/mixture

Washing and cleaning products

Unterhaltsreinigung

## 1.3. Details of the supplier of the safety data sheet

Company name: Mavkker Products ApS Street: Sct. Anna Gade 69 Place: DK-3000 Helsingør Telephone: +45 69984850 E-mail: info@maykker.com Contact person: Casper Schjørring E-mail: info@maykker.com Internet: www.Maykker.com +45 73707561 1.4. Emergency telephone

number:

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### **GB CLP Regulation**

Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

# **GB CLP Regulation**

# Hazard components for labelling

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Signal word: Danger

Pictograms:





# **Hazard statements**

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.

#### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smokina.

P233 Keep container tightly closed.

# **Safety Data Sheet**

## according to UK REACH Regulation

Orange Krush			
Revision date: 12.03.2024	Product code: 201251	Page 2 of 14	
P240	Ground and bond container and receiving equipment.		
P241	Use explosion-proof electrical/ventilating/lighting equipment.		
P243	Take action to prevent static discharges.		
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.		
P302+P352	IF ON SKIN: Wash with plenty of Wasser.		
P332+P313	If skin irritation occurs: Get medical advice/attention.		
P362+P364	Take off contaminated clothing and wash it before reuse.		
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		

# 2.3. Other hazards

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

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

# **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures

# Relevant ingredients

CAS No	Chemical name	Chemical name			
	EC No	Index No	REACH No		
	Classification (GB CLP Regulation)				
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	Skin Irrit. 2, Eye Dam. 1, Aquatic C	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
64-17-5	ethanol, ethyl alcohol	ethanol, ethyl alcohol			
	200-578-6	603-002-00-5	01-2119457610-43		
	Flam. Liq. 2, Eye Irrit. 2; H225 H31	9			
3811-73-2	Pyridin-2-thiol-1-oxid, Natriumsalz			< 0.1 %	
	223-296-5				
	Acute Tox. 4, Acute Tox. 4, Eye Da H400 H411	am. 1, Aquatic Acute 1, Aquatic Chro	nic 2; H332 H302 H318		

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

# Specific Conc. Limits, M-factors and ATE

opecine our	becine cone. Ellines, M-lactors and ATE					
CAS No	EC No	Chemical name	Quantity			
	Specific Conc. I	Limits, M-factors and ATE				
68891-38-3		Alcohols, C12-14, ethoxylated, sulfates, sodium salts	10 - < 30 %			
	dermal: LD50 =	dermal: LD50 = >= 2000 mg/kg; oral: LD50 = 4100 mg/kg				
64-17-5	200-578-6	ethanol, ethyl alcohol				
	inhalation: LC50 = 124,7 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 10470 mg/kg					
3811-73-2	223-296-5	Pyridin-2-thiol-1-oxid, Natriumsalz	< 0.1 %			
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: ATE = 500 mg/kg Eye Dam. 1; H318: >= 10 - 100 Eye Irrit. 2; H319: >= 3 - < 10 Aquatic Acute 1; H400: M=100					

# Labelling for contents according to Regulation (EC) No 648/2004

15 % - < 30 % anionic surfactants, preservation agents, perfumes (Citral).

# **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

# **Safety Data Sheet**

## according to UK REACH Regulation

## **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 3 of 14

#### After inhalation

Provide fresh air

#### After contact with skin

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

#### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

# After ingestion

Rinse mouth immediately and drink 1 glass of of water.

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

No special measures are necessary.

#### 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

Co-ordinate fire-fighting measures to the fire surroundings. alcohol resistant foam, Carbon dioxide (CO2), Powder, Water spray jet.

#### Unsuitable extinguishing media

Strong water jet

#### 5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Sulphur oxides, Nitrogen oxides (NOx), Ammonia (NH3).

## 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

## Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

# General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### For emergency responders

Wear personal protection equipment (refer to section 8).

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. 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

#### For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

# For cleaning up

Wash with plenty of water.

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

## according to UK REACH Regulation

## **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 4 of 14

## 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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

#### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Contaminated work clothing should not be allowed out of the workplace.

When using do not eat, drink, smoke, sniff. Provide adequate ventilation.

## 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

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

Suitable floor material: Acid-resistant.

## Hints on joint storage

No special measures are necessary.

#### 7.3. Specific end use(s)

Washing and cleaning products

Unterhaltsreinigung

### **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 5 of 14

# **DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
Worker DNEL,	long-term	inhalation	systemic	175 mg/m³
Worker DNEL,	long-term	dermal	systemic	2750 mg/kg bw/day
Consumer DNI	EL, long-term	inhalation	systemic	52 mg/m³
Consumer DNEL, long-term		dermal	systemic	1650 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	15 mg/kg bw/day
64-17-5	ethanol, ethyl alcohol			
Consumer DNI	EL, long-term	oral	systemic	87 mg/kg bw/day
Worker DNEL,	acute	inhalation	local	1900 mg/m³
Worker DNEL,	long-term	inhalation	systemic	950 mg/m³
Worker DNEL,	long-term	dermal	systemic	343 mg/kg bw/day
Consumer DNI	EL, acute	inhalation	local	343 mg/m³
Consumer DNEL, acute		dermal	local	950 mg/cm²
Consumer DNEL, long-term		inhalation	systemic	114 mg/m³
Consumer DNI	EL, long-term	dermal	systemic	206 mg/kg bw/day

# **PNEC** values

CAS No	Substance	
Environmenta	I compartment	Value
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Freshwater	•	0,24 mg/l
Freshwater (ir	ntermittent releases)	0,071 mg/l
Marine water		0,024 mg/l
Freshwater se	ediment	0,917 mg/kg
Marine sedim	ent	0,092 mg/kg
Micro-organisms in sewage treatment plants (STP)		10000 mg/l
Soil		7,5 mg/kg
64-17-5	ethanol, ethyl alcohol	
Freshwater		0,96 mg/l
Freshwater (ir	ntermittent releases)	2,75 mg/l
Marine water		0,79 mg/l
Freshwater se	ediment	3,6 mg/kg
Marine sedim	ent	2,9 mg/kg
Secondary po	isoning	380 mg/kg
Micro-organis	ms in sewage treatment plants (STP)	580 mg/l
Soil		0,63 mg/kg

# Additional advice on limit values

none

# 8.2. Exposure controls

according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 6 of 14





## Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Individual protection measures, such as personal protective equipment

## Eye/face protection

Suitable eye protection: goggles.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Suitable material: NBR (Nitrile rubber)

Breakthrough time: = 8 h

Thickness of the glove material: > 0,35 mm

## Skin protection

Use of protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Filtering device (full mask or mouthpiece) with filter: A2/P2

#### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

# **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: orange
Odour: orange

Test method

Print date: 12.03.2024

Melting point/freezing point:

Boiling point or initial boiling point and

83,4 °C

boiling range:

Flash point: 40 °C

Auto-ignition temperature: not determined DIN 51794

Decomposition temperature: >150 °C pH-Value: 6,8

pri-value.

Water solubility: completely miscible OECD 105

Solubility in other solvents

not determined

Dissolution rate:

Partition coefficient n-octanol/water:

Density (at 20 °C):

Relative vapour density:

Particle characteristics:

Product-type 11: Preservatives for liquid-cooling and processing systems

# **Safety Data Sheet**

## according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 7 of 14

#### 9.2. Other information

#### Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Sustaining combustion:

No data available

Self-ignition temperature

Solid: not applicable
Gas: not applicable

Oxidizing properties Not oxidising.

Other safety characteristics

Evaporation rate: not determined Solid content: not determined Viscosity / dynamic: not determined

**Further Information** 

Odour threshold: not determined

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Alkali (lye)

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

## 10.3. Possibility of hazardous reactions

No known hazardous reactions.

## 10.4. Conditions to avoid

none

## 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

Sulphur oxides, Nitrogen oxides (NOx), Ammonia (NH3).

## **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in GB CLP Regulation

#### **Acute toxicity**

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

#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

# **Safety Data Sheet**

## according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 8 of 14

CAS No	Chemical name	Chemical name				
	Exposure route	Dose		Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
	oral	LD50 mg/kg	4100	Rat	Study report (1986)	OECD Guideline 401
	dermal	LD50 mg/kg	>= 2000	Rat	Study report (2012)	OECD Guideline 402
64-17-5	ethanol, ethyl alcohol					
	oral	LD50 mg/kg	10470	Rat	Study report (1976)	OECD Guideline 401
	dermal	LD50 mg/kg	> 2000	Rabbit	Manufacturer	
	inhalation (4 h) vapour	LC50 mg/l	124,7	Rat	Study report (1980)	OECD Guideline 403
3811-73-2	Pyridin-2-thiol-1-oxid, Na	triumsalz				
	oral	ATE mg/kg	500			
	inhalation vapour	ATE	11 mg/l			
	inhalation dust/mist	ATE	1,5 mg/l			

## 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.

# **Aspiration hazard**

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

#### Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

## 11.2. Information on other hazards

#### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

# **SECTION 12: Ecological information**

## 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 9 of 14

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxyl	Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
	Acute fish toxicity	LC50	7,1 mg/l	96 h	Danio rerio	Study report (1995)	other: EG Guideline 92/69 C.1
	Acute algae toxicity	ErC50	27 mg/l	72 h	Desmodesmus subspicatus	Study report (1993)	OECD Guideline 201
	Acute crustacea toxicity	EC50	7,2 mg/l	48 h	Daphnia magna	Study report (1993)	other: EG Guideline 92/69/EWG
	Fish toxicity	NOEC	0,2 mg/l	28 d	Oncorhynchus mykiss	Study report (1995)	OECD Guideline 204
	Crustacea toxicity	NOEC mg/l	0,27	21 d	Daphnia magna	Hafner Publishing Co. (1977)	OECD Guideline 211
64-17-5	ethanol, ethyl alcohol						
	Acute fish toxicity	LC50 mg/l	15400	96 h	Lepomis macrochirus	Bulletin of Environmental Contamination	other: EPA-660/3-75-00 9, 1975
	Acute algae toxicity	ErC50 22000 mg/l	ca.	96 h	Pseudokirchneriella subcapitata	Ecotoxicology and Environmental Safety 7	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	> 10000	48 h	Daphnia magna	Water Research 23(4): 495-499 (1989)	other: DIN 38412 Teil 11
	Fish toxicity	NOEC mg/l	> 79	100 d	Oryzias latipes	Environmental Toxicology and Chemistry,	Chronic effects of substance on reproduc
	Algae toxicity	NOEC mg/l	5400	5 d	Skeletonema costatum	Environ Toxicol Chem 8(5):451-455. (1989	Study to determine the sensitivity of a
	Crustacea toxicity	NOEC	2 mg/l	10 d	Ceriodaphnia dubia	Arch Environ Contam Toxicol 20(2):211-21	Follows the basic methodology for the th

# 12.2. Persistence and degradability

The product has not been tested.

	product has not been tested.			
CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation	-	-	
64-17-5	ethanol, ethyl alcohol			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	97 %	28	Manufacturer
	Readily biodegradable (according to OECD criteria).		·-	

# 12.3. Bioaccumulative potential

The product has not been tested.

## Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	0,3
64-17-5	ethanol, ethyl alcohol	-0,77

## according to UK REACH Regulation

# Orange Krush Revision date: 12.03.2024 Product code: 201251 Page 10 of 14

#### BCF

CAS No	Chemical name	BCF	Species	Source
64-17-5	ethanol, ethyl alcohol	1	Cyprinus carpio	Comparative Biochemi

## 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

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

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No information available.

#### **Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### **Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

# Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

# **SECTION 14: Transport information**

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Special Provisions: 144 601
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

# Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

 14.3. Transport hazard class(es):
 3

 14.4. Packing group:
 III

 Hazard label:
 3

according to UK REACH Regulation

# **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 11 of 14



Classification code: F1
Special Provisions: 144 601
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number or ID number: UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Special Provisions: 144 223
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Special Provisions: A3 A58 A180

Limited quantity Passenger: 10 L
Passenger LQ: Y344
Excepted quantity: E1

IATA-packing instructions - Passenger:355IATA-max. quantity - Passenger:60 LIATA-packing instructions - Cargo:366IATA-max. quantity - Cargo:220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

Other applicable information

Hazchem code: •2Y

# **SECTION 15: Regulatory information**

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

**EU** regulatory information

# **Safety Data Sheet**

according to UK REACH Regulation

**Orange Krush** 

Revision date: 12.03.2024 Product code: 201251 Page 12 of 14

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial

emissions:

8,982 % (91,619 g/l)

Directive 2004/42/EC on VOC in

paints and varnishes:

9,272 % (94,578 g/l)

Information according to Directive

2012/18/EU (SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

**National regulatory information** 

**Employment restrictions:** Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

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

15.2. Chemical safety assessment

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

#### **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,9,14.

# **Safety Data Sheet**

## according to UK REACH Regulation

## **Orange Krush**

Revision date: 12.03.2024 Product code: 201251 Page 13 of 14

#### Abbreviations and acronyms

Flam. Liq: Flammable liquids Acute Tox: Acute toxicity Skin Irrit: Skin irritation Eye Dam: Eye damage Eye Irrit: Eye irritation

Aquatic Acute: Acute aquatic hazard Aquatic Chronic: Chronic aquatic hazard

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

**UN: United Nations** 

DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

VOC: Volatile Organic Compounds

# Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure		
Flam. Liq. 3; H226	On basis of test data		
Skin Irrit. 2; H315	Calculation method		
Eye Dam. 1; H318	Calculation method		

## Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

according to UK REACH Regulation

Revision date: 12.03.2024	Product code: 201251	Page 14 of 14
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H400	Very toxic to aquatic life.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

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

product properties and establishes no contract legal rights. The receiver of our product is singularly responsible

for adhering to existing laws and regulations.