Telefax: +43 / 2235 / 47 940-39

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

## Lashperm Lift & Curl rosa

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

#### 1.1. Product identifier

Lashperm Lift & Curl rosa

## 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

Responsible Department: office@gwcosmetics.at

**1.4. Emergency telephone** +43 / 2235 / 47 940-0 (09:00-16:00 CET)

number:

#### **SECTION 2: Hazards identification**

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

#### Regulation (EC) No. 1272/2008

Hazard categories:

Substance or mixture corrosive to metals: Met. Corr. 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2 Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements:
May be corrosive to metals.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.

## 2.2. Label elements

#### Regulation (EC) No. 1272/2008

## Hazard components for labelling

Ammonium 2-mercaptopropionate

3,7-dimethyloctan-3-ol

Signal word: Warning

Pictograms:



#### **Hazard statements**

H290 May be corrosive to metals. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

## **Precautionary statements**

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

P102 Keep out of reach of children.

according to Regulation (EC) No 1907/2006

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P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international

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

#### **Hazardous components**

CAS No	Chemical name					
	EC No	Index No	REACH No			
	GHS Classification					
13419-67-5	Ammonium 2-mercaptopropionate			12 - < 15 %		
	236-526-4					
	Met. Corr. 1, Acute Tox. 4, Skin Irrit	2, Eye Irrit. 2, Skin Sens. 1B; H290	H302 H315 H319 H317			
1066-33-7	ammonium hydrogencarbonate			3 - < 5 %		
	213-911-5		01-2119486970-26			
	Acute Tox. 4; H302					
1336-21-6	Ammonia %		1 - < 3 %			
	215-647-6	007-001-01-2				
	Skin Corr. 1B, Eye Dam. 1, STOT S	SE 3, Aquatic Acute 1; H314 H318 H	335 H400			
112-72-1	Tetradecan-1-ol			0.1 - < 0.2 %		
	204-000-3					
	Eye Irrit. 2, Aquatic Chronic 1; H31	9 H410	•			
78-69-3	3,7-dimethyloctan-3-ol			0.1 - < 0.2 %		
	201-133-9		01-2119454788-21			
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens.	1B; H315 H319 H317	•			

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

## Specific concentration limits and M-factors

CAS No	EC No	Chemical name	Quantity			
	Specific concen	oncentration limits and M-factors				
1336-21-6	215-647-6	Ammonia %	1 - < 3 %			
	STOT SE 3; H335: >= 5 - 100					

#### **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

according to Regulation (EC) No 1907/2006

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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

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.

according to Regulation (EC) No 1907/2006

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#### 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.

#### 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: 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/m³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18	·	TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL

#### **DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
1066-33-7	ammonium hydrogencarbonate	·		
Worker DNEL	long-term	dermal	systemic	57 mg/kg bw/day
Worker DNEL	, long-term	inhalation	local	62,5 mg/m³
Worker DNEL	, long-term	inhalation	systemic	62,5 mg/m³
Worker DNEL	, acute	inhalation	local	160,7 mg/m³
Worker DNEL	, acute	inhalation	systemic	160,7 mg/m³
Consumer DN	EL, long-term	inhalation	local	13,33 mg/m³
Consumer DN	EL, long-term	inhalation	systemic	13,33 mg/m³
Consumer DN	EL, acute	inhalation	local	143,91 mg/m³
Consumer DN	EL, acute	inhalation	systemic	143,91 mg/m³
Consumer DN	EL, long-term	dermal	systemic	34,2 mg/kg bw/day
78-69-3	3,7-dimethyloctan-3-ol			
Worker DNEL	, long-term	inhalation	systemic	11,14 mg/m³
Worker DNEL, long-term		dermal	systemic	3,16 mg/kg bw/day
Worker DNEL, acute		dermal	local	0,19 mg/cm <sup>2</sup>
Consumer DN	EL, long-term	inhalation	systemic	2,75 mg/m³
Consumer DN	EL, long-term	oral	systemic	1,58 mg/kg bw/day

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Consumer DNEL, long-term	dermal	systemic	1,58 mg/kg bw/day
Consumer DNEL, acute	dermal	local	0,19 mg/cm <sup>2</sup>

#### **PNEC** values

CAS No	Substance			
Environmenta	l compartment	Value		
1066-33-7	ammonium hydrogencarbonate			
Freshwater		0,37 mg/l		
Freshwater (ir	reshwater (intermittent releases)			
Marine water		0,037 mg/l		
Marine water	(intermittent releases)	0,63 mg/l		
Freshwater se	ediment	0,1332 mg/kg		
Marine sedim	Marine sediment			
Micro-organis	ms in sewage treatment plants (STP)	1347 mg/l		
Soil		74,9 mg/kg		
78-69-3	3,7-dimethyloctan-3-ol			
Freshwater		0,009 mg/l		
Freshwater (in	ntermittent releases)	0,089 mg/l		
Marine water		0,001 mg/l		
Freshwater sediment		0,082 mg/kg		
Marine sediment		0,008 mg/kg		
Micro-organis	ms in sewage treatment plants (STP)	450 mg/l		
Soil		0,011 mg/kg		

#### 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 >= 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 EC/2016/425 and the standard

EN 374 derived from it.

according to Regulation (EC) No 1907/2006

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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) 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: pink

Odour: characteristic

pH-Value: 9,0 - 9,5

#### Changes in the physical state

Melting point:

Initial boiling point and boiling range:

Sublimation point:

Softening point:

Pour point:

Plash point:

Sustaining combustion:

Not sustaining combustion

not determined
not determined
not determined
Not sustaining combustion

#### **Explosive properties**

none

Lower explosion limits:

Upper explosion limits:

Ignition temperature:

not determined

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

according to Regulation (EC) No 1907/2006

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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 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

#### Toxicocinetics, metabolism and distribution

No data available.

#### **Acute toxicity**

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

CAS No	Chemical name	Chemical name							
	Exposure route	Dose		Species	Source	Method			
13419-67-5	Ammonium 2-mercaptopi	ropionate							
	oral	ATE mg/kg	500						
1066-33-7	ammonium hydrogencarb	onate							
	oral	LD50 mg/kg	1576	Rat.	ECHA dossier				
1336-21-6	Ammonia %								
	oral	LD50 mg/kg	[350]	Rat.	GESTIS				
	inhalation (4 h) vapour	LC50	[1,4] mg/l	Rat.	RTECS				
112-72-1	Tetradecan-1-ol								

according to Regulation (EC) No 1907/2006

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	oral	LD50 mg/kg	>5000	Rat	MSDS extern	
	dermal	LD50 mg/kg	>5000	Rabbit.	MSDS extern	
78-69-3	3,7-dimethyloctan	-3-ol				
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	>5000	Rabbit	ECHA Dossier	

## Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

#### Sensitising effects

May cause an allergic skin reaction. (Ammonium 2-mercaptopropionate; 3,7-dimethyloctan-3-ol)

#### 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]	Species	Source	Method
1066-33-7	ammonium hydrogencarb	onate					
	Acute fish toxicity	LC50	173 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	US EPA	
112-72-1	Tetradecan-1-ol						
	Acute fish toxicity	LC50 mg/l	>100	96 h	Brachydanio rerio	MSDS extern	
	Acute algae toxicity	ErC50 mg/l	10-100		Scenedesmus subspicatus	MSDS extern	
	Acute crustacea toxicity	EC50 mg/l	1-10	48 h	Daphnia magna	MSDS extern	
78-69-3	3,7-dimethyloctan-3-ol						
	Acute fish toxicity	LC50 mg/l	(8,9)	96 h	Danio rerio	ECHA Dossier	
	Acute algae toxicity	ErC50 mg/l	(21,6)	72 h	Desmodesmus subspicatus	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	(14,2)	48 h	Daphnia magna	ECHA Dossier	

#### 12.2. Persistence and degradability

The product has not been tested.

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name	hemical name							
	Method	Value	d	Source					
	Evaluation	-	-						
78-69-3	3,7-dimethyloctan-3-ol								
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	>60%	28	ECHA Dossier					
	Easily biodegradable (concerning to the criteria of the OECD)								

#### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1066-33-7	ammonium hydrogencarbonate	-2,4
1336-21-6	Ammonia %	-1,38
78-69-3	3,7-dimethyloctan-3-ol	3,8

#### 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

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND

INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other

municipal wastes; municipal wastes not otherwise specified

#### List of Wastes Code - used product

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND

INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other

municipal wastes; municipal wastes not otherwise specified

#### 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 1760

according to Regulation (EC) No 1907/2006

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14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. (Ammonium 2-mercaptopropionate)

14.3. Transport hazard class(es):814.4. Packing group:IIIHazard label:8



Classification code: C9
Special Provisions: 274
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 80
Tunnel restriction code: E

Inland waterways transport (ADN)

**14.1. UN number:** UN 1760

14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. (Ammonium 2-mercaptopropionate)

14.3. Transport hazard class(es):814.4. Packing group:IIIHazard label:8



Classification code: C9
Special Provisions: 274
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

**14.1. UN number:** UN 1760

14.2. UN proper shipping name: CORROSIVE LIQUID, N.O.S. (Ammonium 2-mercaptopropionate)

 14.3. Transport hazard class(es):
 8

 14.4. Packing group:
 III

 Hazard label:
 8



Marine pollutant:

Special Provisions:

Limited quantity:

Excepted quantity:

EmS:

NO

223, 274

5 L

E1

EnS:

F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1760

**14.2. UN proper shipping name:** CORROSIVE LIQUID, N.O.S. (Ammonium 2-mercaptopropionate)

14.3. Transport hazard class(es): 8
14.4. Packing group: III
Hazard label: 8

according to Regulation (EC) No 1907/2006

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Special Provisions:

Limited quantity Passenger:

Passenger LQ:

Excepted quantity:

A3 A803

1 L

Y841

Excepted quantity:

E1

IATA-packing instructions - Passenger:852IATA-max. quantity - Passenger:5 LIATA-packing instructions - Cargo:856IATA-max. quantity - Cargo:60 L

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 3

2010/75/EU (VOC): No information available. 2004/42/EC (VOC): No information available.

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

(SEVESO III):

#### **Additional information**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)

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 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

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

3,7-dimethyloctan-3-ol

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

## Changes

Rev.: 1,0 Initial release 20.11.2020

#### 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** 

according to Regulation (EC) No 1907/2006

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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

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

	0 0 1 1
Classification	Classification procedure
Met. Corr. 1; H290	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method

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

11230	May be conosive to metals.
H302	Harmful if swallowed.
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.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

## **Further Information**

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

according to Regulation (EC) No 1907/2006

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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.)