

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Chewing Gum Remover

**Product no.**

-

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

Cleaning liquid

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Blue & Green AB  
Stenorsvägen 52  
261 44 Landskrona  
Sweden  
Tfn: +46 418 399000  
Fax: +46 418 13199  
www.blueandgreen.se

**E-mail**

info@blueandgreen.se

**SDS date**

2020-09-15

**SDS Version**

1.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304  
Skin Sens. 1; H317  
Eye Dam. 1; H318  
Aquatic Chronic 3; H412  
See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**



**Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)  
May cause an allergic skin reaction. (H317)

According to EC-Regulation 2015/830

Causes serious eye damage. (H318)  
Harmful to aquatic life with long lasting effects. (H412)

### Precautionary statements

**General** If medical advice is needed, have product container or label at hand. (P101).  
Keep out of reach of children. (P102).  
**Prevention** Wear protective gloves/eye protection. (P280).  
**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).  
**Storage** Store locked up. (P405).  
**Disposal** Dispose of contents/container to an approved waste disposal plant. (P501).

### Identity of the substances primarily responsible for the major health hazards

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics; Orange sweet ext.; 1-Heptanol, 2-propyl-, 8EO

### Additional labelling

Not applicable

### Unique formula identifier (UFI)

290P-3W6G-P00C-C25F

### 2.3. Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

### Additional warnings

Tactile warning. If this product is sold in retail, it must be delivered with child-resistant fastening.

### VOC (volatile organic compound)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances/Mixtures

NAME: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  
IDENTIFICATION NOS.: CAS-no: - EC-no: 926-141-6 REACH-no: 01-2119456620-43  
CONTENT: 80-95%  
CLP CLASSIFICATION: Asp. Tox. 1  
H304, EUH066

NAME: Orange sweet ext.  
IDENTIFICATION NOS.: CAS-no: 8028-48-6 EC-no: 232-433-8 REACH-no: 01-2119493353-35  
CONTENT: 5 - <10%  
CLP CLASSIFICATION: Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 2  
H226, H304, H315, H317, H411

NAME: 2-(2-butoxyethoxy)ethanol  
IDENTIFICATION NOS.: CAS-no: 112-34-5 EC-no: 203-961-6 REACH-no: 01-2119475104-44 Index-no: 603-096-00-8  
CONTENT: 5 - <10%  
CLP CLASSIFICATION: Eye Irrit. 2  
H319  
NOTE: L

NAME: 1-Heptanol, 2-propyl-, 8EO  
IDENTIFICATION NOS.: CAS-no: 160875-66-1  
CONTENT: 2.5 - <5%  
CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1  
H302, H318

(\*) L = European occupational exposure limit. See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

ATEmix(oral) > 2000  
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 1.2 - 1.8  
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.72 - < 1  
N chronic (CAT 3) Sum = Sum(Ci/(M(chronic)<sup>i</sup>\*25)\*0.1\*10<sup>^</sup>CATi) = 2.88 - 4.32

Detergent:  
> 30%: ALIPHATIC HYDROCARBONS  
< 5%: NON-IONIC SURFACTANTS

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Bring the person into fresh air and stay with him/her.

#### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water.

#### Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

#### Ingestion

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

#### Burns

Not applicable

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.

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

Nothing special

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances. Avoid inhalation of vapours from spilled material.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

### 6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

### 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

According to EC-Regulation 2015/830

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Storage temperature

Room temperature 18 to 23°C

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA reference period): 10 ppm | 67,5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 15 ppm | 101.2 mg/m<sup>3</sup>

#### DNEL / PNEC

DNEL (2-(2-butoxyethoxy)ethanol): 83 mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 67.5 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 67.5 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 5 mg/kg bw/d

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 50 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 40.5 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 101.2 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 40.5 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 60.7 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - General population

DNEL (Orange sweet ext.): 4.44 mg/kg bw/d

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Orange sweet ext.): 7.78 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Orange sweet ext.): 4.44 mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

According to EC-Regulation 2015/830

DNEL (Orange sweet ext.): 92.9 µg/cm<sup>2</sup>  
 Exposure: Dermal  
 Duration of Exposure: Short term – Local effects - General population

DNEL (Orange sweet ext.): 31.1 mg/m<sup>3</sup>  
 Exposure: Inhalation  
 Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Orange sweet ext.): 8.89 mg/kg bw/d  
 Exposure: Dermal  
 Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Orange sweet ext.): 185.8 µg/cm<sup>2</sup>  
 Exposure: Dermal  
 Duration of Exposure: Short term – Local effects - Workers

PNEC (2-(2-butoxyethoxy)ethanol): 200 mg/l  
 Exposure: Sewage Treatment Plant

PNEC (2-(2-butoxyethoxy)ethanol): 0.44 mg/kg dw  
 Exposure: Marine water sediment

PNEC (2-(2-butoxyethoxy)ethanol): 4.4 mg/kg dw  
 Exposure: Freshwater sediment

PNEC (2-(2-butoxyethoxy)ethanol): 1 mg/l  
 Exposure: Freshwater

PNEC (2-(2-butoxyethoxy)ethanol): 0.1 mg/l  
 Exposure: Marine water

PNEC (2-(2-butoxyethoxy)ethanol): 3.9 mg/l  
 Exposure: Intermittent release

PNEC (2-(2-butoxyethoxy)ethanol): 0.32 mg/kg dw  
 Exposure: Soil

PNEC (Orange sweet ext.): 5.4 µg/l  
 Exposure: Freshwater

PNEC (Orange sweet ext.): 0.54 µg/l  
 Exposure: Marine water

PNEC (Orange sweet ext.): 5.77 µg/l  
 Exposure: Intermittent release

PNEC (Orange sweet ext.): 2.1 mg/l  
 Exposure: Sewage Treatment Plant

PNEC (Orange sweet ext.): 1.3 mg/kg dw  
 Exposure: Freshwater sediment

PNEC (Orange sweet ext.): 0.13 mg/kg dw  
 Exposure: Marine water sediment

PNEC (Orange sweet ext.): 0.261 mg/kg  
 Exposure: Soil

## 8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Observe general occupational hygiene standards.

### Exposure scenarios

There is no appendix to this safety data sheet.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

According to EC-Regulation 2015/830

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

**Measures to avoid environmental exposure**

Keep containment materials near the workplace. If possible, collect spillage during work.

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



**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

NA

**Skin protection**

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

**Hand protection**

Butyl rubber

Breakthrough time: > 480 minutes (Class 6)

**Eye protection**

Wear safety glasses with side shields.

**SECTION 9: Physical and chemical properties**

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

Form	Liquid
Colour	Colourless
Odour	Lemon like
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	0.78

**Phase changes**

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

**Data on fire and explosion hazards**

Flash point (°C)	70
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

**Solubility**

Solubility in water	Insoluble
n-octanol/water coefficient	No data available.

**9.2. Other information**

Solubility in fat (g/L)	No data available.
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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section "Handling and storage".

**10.3. Possibility of hazardous reactions**

Nothing special

According to EC-Regulation 2015/830

**10.4. Conditions to avoid**

Nothing special

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >300-2000 mg/kg

Substance: 2-(2-butoxyethoxy)ethanol

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >2000 mg/kg

Substance: 2-(2-butoxyethoxy)ethanol

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: 2764 mg/kg

Substance: 2-(2-butoxyethoxy)ethanol

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >29 ppm 2h

Substance: 2-(2-butoxyethoxy)ethanol

Species: Mouse

Test: LD50

Route of exposure: Oral

Result: 2410 mg/kg

Substance: Orange sweet ext.

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 4400 mg/kg

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >5000 mg/kg

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000 mg/kg

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >20 mg/l 4h

**Skin corrosion/irritation**

Data on substance: 2-(2-butoxyethoxy)ethanol

Test: OECD Guideline 404

Organism: Rabbit

Result: not irritating

**Serious eye damage/irritation**

Causes serious eye damage.



According to EC-Regulation 2015/830

Data on substance: 2-(2-butoxyethoxy)ethanol

Test: OECD Guideline 404

Organism: Rabbit

Result: irritating

**Respiratory or skin sensitisation**

May cause an allergic skin reaction. Data on substance: 2-(2-butoxyethoxy)ethanol

Test: OECD Guideline 406

Organism: Guinea pig

Result: Negative

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Long term effects**

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Fish

Test: LC50

Duration: 96h

Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Daphnia

Test: EC50

Duration: 48h

Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Algae

Test: EC50

Duration: 72h

Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Fish

Test: NOEC

Duration:

Result: >1 mg/l

Substance: 2-(2-butoxyethoxy)ethanol

Species: Fish

Test: LC50

Duration: 96h

Result: >100 mg/l

Substance: 2-(2-butoxyethoxy)ethanol

Species: Algae

Test: EC50

Duration: 96h

Result: >100 mg/l

Substance: 2-(2-butoxyethoxy)ethanol

Species: Daphnia

Test: EC50

Duration: 48h

Result: >100 mg/l

Substance: Orange sweet ext.

Species: Algae

Test: EC50

Duration: 72h



According to EC-Regulation 2015/830

Result: 4.3 mg/l

Substance: Orange sweet ext.  
Species: Daphnia  
Test: EC50  
Duration: 48h  
Result: 1.1 mg/l

Substance: Orange sweet ext.  
Species: Fish  
Test: LC50  
Duration: 96h  
Result: 5.65 mg/l

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Fish  
Test: NOEC  
Duration: 96h  
Result: 1000 mg/l

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Daphnia  
Test: NOEC  
Duration: 48h  
Result: 1000 mg/l

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Species: Algae  
Test: NOEC  
Duration: 72h  
Result: 1000 mg/l

## 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
1-Heptanol, 2-propyl-, 8EO	Yes	Closed Bottle Test	>60%
2-(2-butoxyethoxy)ethanol	Yes	Modified OECD	100%
Orange sweet ext.	Yes	Screening Test	No data available
Hydrocarbons, C11-C14, n-alkan...	Yes	No data available Closed Bottle Test	No data available 69%

## 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
1-Heptanol, 2-propyl-, 8EO	No	No data available	No data available
2-(2-butoxyethoxy)ethanol	No	1	No data available

## 12.4. Mobility in soil

2-(2-butoxyethoxy)ethanol: Log Koc= 0.8703, Calculated from LogPow (High mobility potential.).  
Hydrocarbons, C11-C14, n-alkan...: Log Koc= 5.70089, Calculated from LogPow (Low mobility potential.).

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.  
This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

#### Waste

EWC code

-

#### Specific labelling

Not applicable

#### Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

14.1. UN number -

According to EC-Regulation 2015/830

<b>14.2. UN proper shipping name</b>	-
<b>14.3. Transport hazard class(es)</b>	-
<b>14.4. Packing group</b>	-
<b>Notes</b>	-
<b>Tunnel restriction code</b>	-
<b>IMDG</b>	
UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-
<b>IATA/ICAO</b>	
UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information**

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

**Restrictions for application**

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

**Demands for specific education**

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**Additional information**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Seveso**

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**Biocidal reg. no.**

Not applicable

**Sources**

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
 The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.  
 Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.  
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).  
 Regulation (EC) 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

**Full text of H-phrases as mentioned in section 3**

H226 - Flammable liquid and vapour.

According to EC-Regulation 2015/830

H302 - Harmful if swallowed.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H319 - Causes serious eye irritation.  
H411 - Toxic to aquatic life with long lasting effects.  
EUH066 - Repeated exposure may cause skin dryness or cracking.

**The full text of identified uses as mentioned in section 1**

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**Additional label elements**

Not applicable

**Other**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

David Löwenstein

**Date of last essential change  
(First cipher in SDS version)**

-

**Date of last minor change  
(Last cipher in SDS version)**

-