

# SAFETY DATA SHEET

In accordance with 1907/2006 annex II 2015/830 and 1272/2008  
(All references to EU regulations and directives are abbreviated into only the numeric term)  
Issued 2021-06-18  
Version number 1.0



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

### 1.1. Product identifier

Trade name Rim Cleaner Premium

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

Identified uses Cleaning/washing agents

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

Company Surface Products / North Dynamic AB  
Tillverkarvägen 9  
187 66 Täby  
Sweden  
Telephone 08-410 39 100  
E-mail info@surfaceproducts.se

### 1.4. Emergency telephone number

Acute cases: Call 112, request poison information.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Acute Tox. 4, H302  
Skin. Sens. 1, H317  
Eye Irrit. 2, H319  
(See section 16)

### 2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazard statements

H302

Harmful if swallowed

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

P261

Avoid breathing gas, mist, vapours, or spray

P280

Wear protective gloves and eye protection

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313

If eye irritation persists: Get medical advice/attention

P501

Dispose of contents and container to authorised waste disposal facility

### Supplemental hazard information

Contains: SODIUM THIOGLYCOLATE, 2-OXABICYCLO[2.2.2]OCTANE, 1,3,3-TRIMETHYL-

### 2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

Specific concentration limits:

Sodium Lauryl Ether Sulfate

Eye Dam. 1; C > 10 %

Eye Irrit. 2; 5 % ≤ C ≤ 10 %.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>SODIUM THIOGLYCOLATE</b>		
CAS No: 367-51-1 EC No: 206-696-4 REACH: 01-2119968564-24-0000	Met. Corr. 1, Acute Tox. 3, Acute Tox. 4, Skin. Sens. 1; H290, H301, H312, H317	5 - 15 %
<b>SODIUM LAURETH SULFATE</b>		
CAS No: 161074-79-9 EC No: 500-513-4 REACH: 01-2119513369-37	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315, H318, H412	<6 %
<b>2-(2-BUTOXYETHOXY)ETHANOL</b>		
CAS No: 112-34-5 EC No: 203-961-6 Index No: 603-096-00-8 REACH: 01-2119475104-44	Eye Irrit. 2; H319	1 - 5 %
<b>2-BUTOXYETHANOL</b>		
CAS No: 111-76-2 EC No: 203-905-0 Index No: 603-014-00-0 REACH: 01-2119475108-36-0000	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H312, H302, H332, H315, H319	1 - 3 %
<b>ALCOHOL ETHOXYLATE</b>		
CAS No: 160875-66-1 EC No: 605-233-7	Acute Tox. 4, Eye Dam. 1; H302, H318	0.1 - 1 %
<b>2-OXABICYCLO[2.2.2]OCTANE, 1,3,3-TRIMETHYL-</b>		
CAS No: 470-82-6 EC No: 207-431-5	Flam. Liq. 3, Skin. Sens. 1; H226, H317	<0.5 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

Contents according to 648/2004.

5-<15% Anionic surfactants.

<5% Non-ionic surfactants.

Perfumes.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Generally

In case of concern, or if symptoms persist, call a doctor/physician.

#### Upon breathing in

Fresh air and rest. If symptoms persist seek medical advice.

#### Upon eye contact

Remove contact lenses immediately if possible.

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor.

#### Upon skin contact

Remove contaminated clothes.

Wash the skin with soap and water.

If symptoms occur, contact a physician.

#### Upon ingestion

Rinse mouth out thoroughly first with water, then SPIT OUT the rinse water. Drink at least half a litre of water and seek medical advice. DO NOT INDUCE VOMITING.

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

#### Upon eye contact

Irritation.

Smarting pain.

#### Upon skin contact

Rash and itching.

Allergic reactions.

#### Upon ingestion

May cause irritation of mucous membranes, nausea and vomiting.

Harmful if swallowed.

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

Symptomatic treatment.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

#### Recommended extinguishing agents

Extinguish with materials intended for the surrounding fire.

#### Unsuitable extinguishing agents

May not be extinguished with water dispersed under high pressure.

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

Produces fumes containing harmful gases (carbon monoxide and carbon dioxide) when burning, and, in case of incomplete combustion, aldehydes and other toxic, harmful, irritant or environmentally harmful substances.

### 5.3. Advice for fire-fighters

Protective measures should be taken regarding other material at the site of the fire.

In case of fire use proper breathing apparatus.

Wear full protective clothing.

Cool closed containers that were exposed to fire with water.

## SECTION 6: Accidental release measures

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

- Use recommended safety equipment, see section 8.
- Avoid inhalation and exposure to skin and eyes.
- Ensure good ventilation.
- Keep unauthorized and unprotected people at a safe distance.

### 6.2. Environmental precautions

- Avoid release to drains, soil or watercourses.

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

- Small spills can be wiped up with a cloth or similar. Then flush the spill site with water. Larger spills should first be covered with sand or earth and then be collected. Collected material should be disposed according to Section 13.

### 6.4. Reference to other sections

- See section 8 and 13 for personal protection equipment and disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Store this product separately from food items and keep it out of the reach of children and pets.
- The usual precautions for handling chemicals should be observed.
- Avoid spillage and contact with eyes and skin.
- Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.
- Do not eat, drink or smoke in premises where this product is handled.
- Wash your hands after using the product.
- Remove contaminated clothing.
- Wash contaminated clothing before reuse.
- Use recommended safety equipment, see section 8.
- Implement appropriate engineering controls if necessary, see Section 8.

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

- The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.
- This product should be stored well out of reach of young children and kept safely apart from products intended for consumption.
- Always use sealed and visibly labeled packages.
- Store in a well-ventilated space.

### 7.3. Specific end uses

- See identified uses in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

##### 2-(2-BUTOXYETHOXY)ETHANOL

United Kingdom (EH40/2005)

- Time-weighted-average exposure limit (TWA) 10 ppm / 67.5 mg/m<sup>3</sup>
- Short term exposure limit (STEL) 15 ppm / 101.2 mg/m<sup>3</sup>

##### 2-BUTOXYETHANOL

United Kingdom (EH40/2005)

- Time-weighted-average exposure limit (TWA) 25 ppm / 123 mg/m<sup>3</sup>
- Short term exposure limit (STEL) 50 ppm / 246 mg/m<sup>3</sup>

Note Sk,BMGV

Explanations of abbreviations are given in Section 16b

**DNEL****2-(2-BUTOXYETHOXY)ETHANOL**

	<b>Type of exposure</b>	<b>Route of exposure</b>	<b>Value</b>
Worker	Acute Local	Inhalation	101.2 mg/m <sup>3</sup>
Consumer	Chronic Systemic	Inhalation	34 mg/m <sup>3</sup>
Worker	Chronic Systemic	Dermal	20 mg/kg bw/d
Worker	Chronic Local	Inhalation	67.5 mg/m <sup>3</sup>
Worker	Chronic Systemic	Inhalation	67.5 mg/m <sup>3</sup>
Consumer	Acute Local	Inhalation	50.6 mg/m <sup>3</sup>
Consumer	Acute Systemic	Oral	1.25 mg/kg
Consumer	Chronic Local	Inhalation	34 mg/m <sup>3</sup>
Consumer	Chronic Systemic	Oral	5 mg/kg bw
Consumer	Chronic Systemic	Dermal	10 mg/kg bw/d

**2-BUTOXYETHANOL**

	<b>Type of exposure</b>	<b>Route of exposure</b>	<b>Value</b>
Worker	Acute Local	Inhalation	246 mg/m <sup>3</sup>
Consumer	Chronic Systemic	Inhalation	59 mg/m <sup>3</sup>
Worker	Chronic Systemic	Dermal	89 mg/kg bw
Worker	Acute Systemic	Inhalation	1091 mg/m <sup>3</sup>
Worker	Chronic Systemic	Inhalation	98 mg/m <sup>3</sup>
Consumer	Acute Systemic	Oral	26.7 mg/kg bw
Consumer	Acute Systemic	Inhalation	426 mg/m <sup>3</sup>
Consumer	Chronic Local	Inhalation	147 mg/m <sup>3</sup>
Consumer	Chronic Systemic	Oral	6.3 mg/kg bw
Consumer	Chronic Systemic	Dermal	75 mg/kg bw

## PNEC

### 2-(2-BUTOXYETHOXY)ETHANOL

Environmental protection target	PNEC value
Fresh water	1 mg/l
Freshwater sediments	4 mg/kg
Marine water	0.1 mg/l
Marine sediments	0.4 mg/kg
Food chain	56 mg/kg
Microorganisms in sewage treatment	200 mg/l
Soil (agricultural)	0.4 mg/kg

### 2-BUTOXYETHANOL

Environmental protection target	PNEC value
Fresh water	8.8 mg/L
Freshwater sediments	34.6 mg/kg dw
Marine water	0.88 mg/L
Marine sediments	3.46 mg/kg dw
Food chain	20 mg/kg dw
Microorganisms in sewage treatment	463 mg/L
Soil (agricultural)	2.33 mg/kg dw

## 8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

### 8.2.1. Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source. Eye-rinsing facilities shall be available at the workplace.

### Eye/face protection

Use protective glasses with tight seals according to standard EN166.

### Skin protection

Use suitable protective clothing.

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions, abrasion, etcetera.

Based on the chemical properties of the product, the following glove materials are recommended (EN 374):.

- Butyl rubber.
- Nitrile rubber.
- Polyvinyl chloride PVC.

### Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.

Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended:.

- A/P2.

### 8.2.3. Environmental exposure controls

Work with the product should take place in such a way that the product does not get into soils and waterways.

## SECTION 9: Physical and chemical properties

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

a) Appearance	Form: liquid. Colour: colourless.
b) Odour	characteristic
c) Odour threshold	Not indicated
d) pH	7
e) Melting point/freezing point	Not indicated
f) Initial boiling point and boiling range	Not indicated
g) Flash point	Not indicated
h) Evaporation rate	Not indicated
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not indicated
k) Vapour pressure	Not indicated
l) Vapour density	Not indicated
m) Relative density	Not indicated
n) Solubility	Not indicated
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not indicated
q) Decomposition temperature	Not indicated
r) Viscosity	Not indicated
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Avoid sources of ignition and excessive temperatures.

Avoid frost.

### 10.5. Incompatible materials

Avoid contact with acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

#### Acute toxicity

Harmful if swallowed.

#### SODIUM THIOGLYCOLATE

LD50 rabbit 24h: 1000 - 2000 mg/kg Dermally

LD50 rat 24h: > 140 mg/kg Orally

#### 2-(2-BUTOXYETHOXY)ETHANOL

LD50 rabbit 24h: 2700 Dermally

LD50 Mouse 24h: 6050 mg/kg Orally

LD50 rabbit 24h: 2700 mg/kg Orally

LD50 rat 24h: 6600 mg/kg Orally

## **2-BUTOXYETHANOL**

LD50 rabbit 24h: 435 mg/kg Dermal  
LD50 rabbit 24h: 300 mg/kg Orally  
LD50 rat 24h: 470 mg/kg Orally  
LC0 Guinea pig 7h: 400 ppm Inhalation  
LC0 Guinea pig 1h: 633 - 691 ppm Inhalation  
LC0 Guinea pig 24h: 500 mg/kg Orally  
LC0 Guinea pig 24h: 2000 mg/kg Dermal  
ATE : 1200 mg/kg bw Orally

## **ALCOHOL ETHOXYLATE**

LD50 rat 24h: 2000 mg/kg Orally

## **2-OXABICYCLO[2.2.2]OCTANE, 1,3,3-TRIMETHYL-**

LD50 rabbit 24h: > 2000 Dermal  
LD50 rat 24h: > 2000 mg/kg Orally

### **Skin corrosion/irritation**

The product is not classified for skin corrosion/irritation.

### **Serious eye damage/irritation**

Irritating to eyes.

### **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

### **Germ cell mutagenicity**

The product is not classified as mutagen.

### **Carcinogenicity**

The product is not classified as carcinogenic.

### **Reproductive toxicity**

The product is not classified as a reproductive toxicant.

### **STOT-single exposure**

The product is not classified for specific organ toxicity after single exposure.

### **STOT-repeated exposure**

The product is not classified for specific organ toxicity after repeated exposure.

### **Aspiration hazard**

The product is not classified as being toxic for aspiration.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Prevent release on land, in water and drains.

The product is not to be labelled as an environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.

### **2-(2-BUTOXYETHOXY)ETHANOL**

EC50 Algae 96h: 1101 mg/l  
LC50 Bluegill (*Lepomis macrochirus*) 96h: 1300 mg/l  
EC50 Freshwater water flea (*Daphnia magna*) 48 h: > 1000 mg/l  
EC50 Algae 72 h: > 1000 mg/l  
LC50 Fish 96h: 2700 mg/l

### **2-BUTOXYETHANOL**

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: 1474 mg/L  
LC50 fathead minnow (*Pimephales promelas*) 96h: 1900 mg/L  
LC50 Ide (*Leuciscus idus*) 96h: 1600 mg/L  
LC50 Bluegill (*Lepomis macrochirus*) 96h: 1490 mg/L  
EC50 Freshwater water flea (*Daphnia magna*) 48 h: 1550 mg/L  
EC50 Algae 72 h: 1840 mg/L  
LC50 Fish 96h: 1250 mg/L  
EC50 Freshwater water flea (*Daphnia magna*) 24h: 1815 mg/L  
EC50 Algae (*Pseudokirchneriella subcapitata*) 72h: 1840 mg/L  
NOEC Algae (*Pseudokirchneriella subcapitata*) 72h: 286 mg/L



## ALCOHOL ETHOXYLATE

LC50 Freshwater water flea (*Daphnia magna*) 48h: 1 - 100 mg/L  
EC50 Freshwater water flea (*Daphnia magna*) 48 h: 10 - 100 mg/L  
EC50 Algae 72 h: 10 - 100 mg/L  
IC50 Algae 72h: 1 - 10 mg/L  
LC50 Zebra fish (*Brachydanio rerio*) 96h: 1 - 100 mg/L  
ErC50 Algae 72h: 1 - 100 mg/L

### 12.2. Persistence and degradability

There is no information regarding persistence or degradability.

### 12.3. Bioaccumulative potential

There is no information regarding bioaccumulation.

### 12.4. Mobility in soil

Information about mobility in nature is not available.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6. Other adverse effects

No known effects or hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

Avoid discharge into sewers.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

#### Classification according to 2008/98/EC

Recommended LoW-code: 20 01 29 detergents containing hazardous substances

## SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

### 14.1. UN number

Not classified as dangerous goods

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

### 14.8 Other transport information

Not applicable

## SECTION 15: Regulatory information

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

Not indicated.

### 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

## SECTION 16: Other information

### 16a. Indication of where changes have been made to the previous version of the safety data sheet

#### Revisions of this document

This is the first version

### 16b. Legend to abbreviations and acronyms used in the safety data sheet

#### Full texts for Hazard Class and Category Code mentioned in section 3

Met. Corr. 1	Corrosive to metals, Hazard Category 1 - Met. Corr. 1, H290 - May be corrosive to metals
Acute Tox. 3	Acute toxicity (oral), Hazard Category 3 - Acute Tox. 3, H301 - Toxic if swallowed
Acute Tox. 4	Acute toxicity (oral), Hazard Category 4 - Acute Tox. 4, H302 - Harmful if swallowed
Skin. Sens. 1	Respiratory or skin sensitisation, Sensitisation — Skin, hazard category 1 - Skin. Sens. 1, H317 - May cause an allergic skin reaction
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation
Eye Dam. 1	Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3 - Aquatic Chronic 3, H412 - Harmful to aquatic life with long lasting effects
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2 - Eye Irrit. 2, H319 - Causes serious eye irritation
Flam. Liq. 3	Flammable liquids, Hazard Category 3 - Flam. Liq. 3, H226 - Flammable liquid and vapour

#### Explanations of the abbreviations in Section 8

##### United Kingdom

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity

BMGV

#### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

### 16c. Key literature references and sources for data

#### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2021-06-18.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

#### Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
2015/830	COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
1272/2008	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  
648/2004 REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents  
2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

**16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification**

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I , where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI .

**16e. List of relevant hazard statements and/or precautionary statements  
Full texts for hazard statements mentioned in section 3**

H290 May be corrosive to metals  
H301 Toxic if swallowed  
H312 Harmful in contact with skin  
H317 May cause an allergic skin reaction  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H412 Harmful to aquatic life with long lasting effects  
H319 Causes serious eye irritation  
H302 Harmful if swallowed  
H332 Harmful if inhaled  
H226 Flammable liquid and vapour

**16f. Advice on any training appropriate for workers to ensure protection of human health and the environment  
Warning for misuse**

Not indicated.

**Other relevant information**

Not indicated

**Editorial information**



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