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Revised on / Version: 19.01.2011 / 0004  
Replaces revision of / Version: 20.09.2010 / 0003  
Valid from: 19.01.2011  
PDF print date: 03.02.2011  
AUTOSOL® Leather Cleaner (paste-like)

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### Product identifier

#### **AUTOSOL® Leather Cleaner (paste-like)**

#### Use of the substance/mixture

Cleaning and care product for smooth leather and vinyl leather

#### Relevant identified uses of the substance or mixture:

No information available at present.

#### Uses advised against:

No information available at present.

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

Dursol-Fabrik Otto Durst GmbH & Co. KG, Martinstraße 22, D-42655 Solingen  
Telephone +49 (0) 212-2718-0, Fax +49 (0) 212-208795  
eMail: [info@autosol.de](mailto:info@autosol.de)  
Homepage: [www.autosol.de](http://www.autosol.de)

E-mail address of the competent person: [info@chemical-check.de](mailto:info@chemical-check.de), [k.schnurbusch@chemical-check.de](mailto:k.schnurbusch@chemical-check.de)

#### Emergency telephone

#### Advisory office in case of poisoning:

Tel.:

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#### Telephone number of the company in case of emergencies:

Tel.: +49 (0) 212-2718-0 (8.00h - 16.00h)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### 2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Not determined

##### 2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments).

Xi, Irritant, R36

#### 2.2 Label elements

##### 2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

Not determined

##### 2.2.2 Labeling according to Directives 67/548/EEC and 1999/45/EC (including amendments).

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Symbols: Xi  
 Indications of danger:  
 Irritant  
 R-phrases:  
 36 Irritating to eyes.  
 S-phrases:  
 2 Keep out of the reach of children.  
 24/25 Avoid contact with skin and eyes.  
 35 This material and its container must be disposed of in a safe way.  
 46 If swallowed, seek medical advice immediately and show this container or label.

Additions: n.a.

## 2.3 Other hazards

The mixture contains no vPvB substance (vPvB = very persistent, very bioaccumulative).  
 The mixture contains no PBT substance (PBT = persistent, bioaccumulative, toxic).

## REGULATION (EC) No 648/2004

5 % or over but less than 15 %  
 aliphatic hydrocarbons  
 soap  
 less than 5 %  
 non-ionic surfactants  
 polycarboxylates

LIMONENE

## SECTION 3: Composition/information on ingredients

### 3.1 Substance

n.a.

### 3.2 Mixture

Propan-2-ol	
Registration number (ECHA)	-
Index	603-117-00-0
EINECS, ELINCS	200-661-7
CAS	CAS 67-63-0
content %	1-5
Symbol	F/Xi
R-phrases	11-36-67
Classification categories / Indications of danger	Highly flammable, Irritant
Hazard class/Hazard category	Hazard statement
Flam. Liq./2	H225
Eye Irrit./2	H319
STOT SE/3	H336
Citric acid monohydrate	
Registration number (ECHA)	-
Index	---
EINECS, ELINCS	201-069-1
CAS	CAS 5949-29-1
content %	1-5



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<b>Symbol</b>	Xi
<b>R-phrases</b>	36
<b>Classification categories / Indications of danger</b>	Irritant
<b>Hazard class/Hazard category</b>	<b>Hazard statement</b>
Eye Irrit./2	H319

<b>Sweet orange extract</b>	
<b>Registration number (ECHA)</b>	-
<b>Index</b>	---
<b>EINECS, ELINCS</b>	232-433-8
<b>CAS</b>	CAS 8028-48-6
<b>content %</b>	1-5
<b>Symbol</b>	Xi/Xn
<b>R-phrases</b>	10-38-65
<b>Classification categories / Indications of danger</b>	Flammable, Harmful, Irritant
<b>Hazard class/Hazard category</b>	<b>Hazard statement</b>
Flam. Liq./3	H226
Skin Irrit./2	H315
Asp. Tox./1	H304

<b>Alkyl polyglycoside</b>	
<b>Registration number (ECHA)</b>	-
<b>Index</b>	---
<b>EINECS, ELINCS</b>	-
<b>CAS</b>	CAS 110615-47-9
<b>content %</b>	1-5
<b>Symbol</b>	Xi
<b>R-phrases</b>	41
<b>Classification categories / Indications of danger</b>	Irritant
<b>Hazard class/Hazard category</b>	<b>Hazard statement</b>
Eye Dam./1	H318

<b>D-Glucopyranose, oligomer, decyl octyl glycoside</b>	
<b>Registration number (ECHA)</b>	-
<b>Index</b>	---
<b>EINECS, ELINCS</b>	500-220-1 (NLP)
<b>CAS</b>	CAS 68515-73-1
<b>content %</b>	1-5
<b>Symbol</b>	Xi
<b>R-phrases</b>	41
<b>Classification categories / Indications of danger</b>	Irritant
<b>Hazard class/Hazard category</b>	<b>Hazard statement</b>
Eye Dam./1	H318

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

#### Skin contact



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Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### **Eye contact**

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Remove contact lenses.

#### **Ingestion**

Rinse the mouth thoroughly with water.

Do not induce vomiting - give copious water to drink. Consult doctor immediately.

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

Where relevant delayed occurring symptoms and effects will be found in section 11. or at the exposure routes under section 4.1.

With long-term contact:

Drying of the skin.

Dermatitis (skin inflammation)

Irritation of the skin.

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

n.c.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Adapt to the nature and extent of fire.

Water jet spray/foam/CO2/dry extinguisher

##### **Unsuitable extinguishing media**

n.c.

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

In case of fire the following can develop:

Oxides of carbon

Oxides of nitrogen

Toxic pyrolysis products.

#### **5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

Dispose of contaminated extinction water according to official regulations.

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

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

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping

#### **6.2 Environmental precautions**

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

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

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

#### **6.4 Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.



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## SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1 Precautions for safe handling

Ensure good ventilation.  
Avoid contact with eyes or skin.  
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.  
Wash hands before breaks and at end of work.  
General hygiene measures for the handling of chemicals are applicable.  
Observe directions on label and instructions for use.  
Use working methods according to operating instructions.  
General hygiene measures for the handling of chemicals are applicable.  
Wash hands before breaks and at end of work.  
Keep away from food, drink and animal feedingstuffs.  
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Not to be stored in gangways or stair wells.  
Store product closed and only in original packing.  
Store at room temperature.

### 7.3 Specific end use(s)

No information available at present.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Chemical Name	Propan-2-ol	Content %:1-5
WEL-TWA: 400 ppm (999 mg/m <sup>3</sup> )	WEL-STEL: 500 ppm (1250 mg/m <sup>3</sup> )	---
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.  
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.  
Applies only if maximum permissible exposure values are listed here.

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

General hygiene measures for the handling of chemicals are applicable.  
Wash hands before breaks and at end of work.  
Keep away from food, drink and animal feedingstuffs.  
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:  
Tight fitting protective goggles with side protection (EN 166).



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Skin protection - Hand protection:  
Chemical resistant protective gloves (EN 374).  
If applicable  
Protective nitrile gloves (EN 374)  
Protective gloves in butyl rubber (EN 374).  
Protective hand cream recommended.

Skin protection - Other:  
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection:  
Normally not necessary.  
If OES or MEL is exceeded.  
Filter A2 P2 (EN 14387), code colour brown, white

Thermal hazards:  
If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.  
In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.  
Selection of materials derived from glove manufacturer's indications.  
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.  
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.  
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.  
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.3 Environmental exposure controls

No information available at present.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Pastelike
Colour:	Beige
Odour:	Orange
Odour threshold:	Not determined
pH-value:	6,2 (Not determined )
pH-value:	6,9 (1 %)
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	>=100 °C
Flash point:	>100 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	No
Lower explosive limit:	n.a.
Upper explosive limit:	n.a.
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	0,96 g/ml
Bulk density:	Not determined
Solubility(ies):	Not determined
Water solubility:	partially
Water solubility:	Mixable
Partition coefficient (n-octanol/water):	Not determined



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Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	160-240 mPas (20°C)
Explosive properties:	Product is not explosive.
Oxidising properties:	No

## 9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

See also Subsection 10.4 to 10.6.  
The product has not been tested.

### 10.2 Chemical stability

See also Subsection 10.4 to 10.6.  
Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

See also Subsection 10.4 to 10.6.  
No decomposition if used as intended.

### 10.4 Conditions to avoid

See also section 7.

### 10.5 Incompatible materials

See also section 7.  
No dangerous reactions are known.

### 10.6 Hazardous decomposition products

See also Subsection 10.4 to 10.6.  
See also section 5.3  
No decomposition when used as directed.

## SECTION 11: Toxicological information

Classification according to calculation procedure.

### AUTOSOL® Leather Cleaner (paste-like)

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:				---		n.d.a.
Acute toxicity, by dermal route:				---		n.d.a.
Acute toxicity, by inhalation:				---		n.d.a.
Skin corrosion/irritation:				---		n.d.a.
Serious eye damage/irritation:				---		n.d.a.
Respiratory or skin sensitisation:				---		n.d.a.
Germ cell mutagenicity:				---		n.d.a.
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.



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Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		n.d.a.

Propan-2-ol						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	4570	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	12800	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LC50	30	mg/l/4h	Rat		
Skin corrosion/irritation:				Rabbit		Not irritant
Serious eye damage/irritation:				---		Irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Not sensitising
Germ cell mutagenicity:				---		n.d.a.
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		unconsciousness, vomiting, headaches, fatigue, dizziness, nausea

Citric acid monohydrate						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat		
Acute toxicity, by dermal route:				---		n.d.a.
Acute toxicity, by inhalation:				---		n.d.a.
Skin corrosion/irritation:				---		Not irritant
Serious eye damage/irritation:				---		Irritant
Respiratory or skin sensitisation:				---		Not sensitising
Germ cell mutagenicity:				---		Negative
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.



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Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		vomiting, cornea opacity, coughing, stomach pain, mucous membrane irritation

Sweet orange extract						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>4400	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit		
Acute toxicity, by inhalation:				---		n.d.a.
Skin corrosion/irritation:				---		n.d.a.
Skin corrosion/irritation:				---		Irritant
Serious eye damage/irritation:				---		n.d.a.
Respiratory or skin sensitisation:				---		Not sensitizing
Germ cell mutagenicity:				---		n.d.a.
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		mucous membrane irritation

Alkyl polyglycoside						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:				---		n.d.a.
Acute toxicity, by dermal route:				---		n.d.a.
Acute toxicity, by inhalation:				---		n.d.a.
Skin corrosion/irritation:				---		n.d.a.
Serious eye damage/irritation:				---		n.d.a.
Respiratory or skin sensitisation:				---		n.d.a.
Germ cell mutagenicity:				---		n.d.a.
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.



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Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		n.d.a.

D-Glucopyranose, oligomer, decyl octyl glycoside						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:				---		n.d.a.
Acute toxicity, by dermal route:				---		n.d.a.
Acute toxicity, by inhalation:				---		n.d.a.
Skin corrosion/irritation:				---		n.d.a.
Serious eye damage/irritation:				---		n.d.a.
Respiratory or skin sensitisation:				---		n.d.a.
Germ cell mutagenicity:				---		n.d.a.
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		n.d.a.

## SECTION 12: Ecological information

### Persistence and degradability:

The surfactant(s) contained in this mixture 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.

According to the recipe, contains no AOX.

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Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

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Propan-2-ol							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	9640	mg/l	(Pimephales promelas)		
Toxicity to daphnia:	LC50	48h	13.299	mg/l	(Daphnia magna)		References
Toxicity to daphnia:	EC50	48h	>100	mg/l	(Daphnia magna)		References
Toxicity to algae:	EC50	72h	>1000	mg/l	(Scenedesmus subspicatus)		
Persistence and degradability:		21d	95	%		OECD 301 E (Ready Biodegradability - Modified OECD Screening Test)	
Bioaccumulative potential:	Log Pow		0,05			OECD 107 (Partition Coefficient (n-octanol/water) - Shake Flask Method)	
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.
Toxicity to bacteria:	EC10	18h	5175	mg/l	(Pseudomonas putida)	DIN 38412 T.8	

Citric acid monohydrate							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	440-706	mg/l	(Carassius auratus)		
Toxicity to fish:	LC50	96h	440-760	mg/l	(Leuciscus idus)		
Toxicity to daphnia:	EC50	72h	120	mg/l	(Daphnia magna)		
Toxicity to algae:	IC5	7d	640	mg/l	(Scenedesmus quadricauda)		Anhydrous substance
Persistence and degradability:		2d	98	%		OECD 302 B (Inherent Biodegradability - Zahn-Wellens/EMPA Test)	
Bioaccumulative potential:	Log Pow		<1				
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.
Toxicity to bacteria:	EC50		>10000	mg/l	(Pseudomonas subspicata)	DIN 38412 T.8	

Sweet orange extract							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.



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 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revised on / Version: 19.01.2011 / 0004  
 Replaces revision of / Version: 20.09.2010 / 0003  
 Valid from: 19.01.2011  
 PDF print date: 03.02.2011  
 AUTOSOL® Leather Cleaner (paste-like)

Persistence and degradability:		28d	>90	%		OECD 301 D (Ready Biodegradability - Closed Bottle Test)	
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

Alkyl polyglycoside							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

D-Glucopyranose, oligomer, decyl octyl glycoside							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.  
 Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 06 01 aqueous washing liquids and mother liquors  
 20 01 29 detergents containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.



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### For contaminated packing material

Pay attention to local and national official regulations

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

15 01 04 metallic packaging

## SECTION 14: Transport information

### General statements

UN number: n.a.

### Transport by road/by rail (ADR/RID)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Classification code: n.a.

LQ (ADR 2011): n.a.

LQ (ADR 2009): n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

### Transport by sea (IMDG-code)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Marine Pollutant: n.a.

Environmental hazards: Not applicable

### Transport by air (IATA)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Environmental hazards: Not applicable

### Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non-dangerous material according to Transport Regulations.

### Additional information:

Non-dangerous material according to Transport Regulations.

## SECTION 15: Regulatory information

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

For classification and labelling see Section 2.

Observe restrictions: Yes

Observe youth employment law (German regulation).

Regulation (EC) No 1907/2006, Annex XVII.

### 15.2 Chemical safety assessment

No information available at present.

## SECTION 16: Other information

These details refer to the product as it is delivered.

Revised sections:

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The following statements are the indicated R-phrases / H-phrases and classification codes (GHS/CLP) for the ingredients (listed in Section 3).

11 Highly flammable.  
36 Irritating to eyes.  
38 Irritating to skin.  
65 Harmful: may cause lung damage if swallowed.  
41 Risk of serious damage to eyes.  
67 Vapours may cause drowsiness and dizziness.  
10 Flammable.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

Flam. Liq.-Flammable liquid  
Eye Irrit.-Eye irritation  
STOT SE-Specific target organ toxicity - single exposure - narcotic effects  
Skin Irrit.-Skin irritation  
Asp. Tox.-Aspiration hazard  
Eye Dam.-Serious eye damage

### Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked  
WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40  
AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)  
VbF = Regulations for flammable liquids (Austria)  
VOC = Volatile organic compounds  
AOX = Adsorbable organic halogen compounds  
ATE = Acute Toxicity Estimates according to Regulation (EC) 1272/2008 (CLP)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.  
No responsibility.

These statements were made by:

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