

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.10.2016

Version number 3

Revision: 23.02.2016

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

* **1.1 Product identifier**

* **Trade name** **Smoothing Agent**

* **Article number:** 7725

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

No further relevant information available.

* **Application of the substance / the mixture** Surface active agent

* **1.3 Details of the supplier of the safety data sheet**

* **Manufacturer/Supplier:**

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D-49624 Lönningen / Germany
Tel.: +49(0)5432/83-0
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Remmers (UK) Limited
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West Sussex RH10 9NN
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* **Informing department:**

Product Safety department: Tel.: Steve Dunn Tel.: +44 (0) 1293 594 010
E-Mail: sales@remmers.co.uk

* **1.4 Emergency telephone number:**

during working hours:

U.K.: Tel.: +44 (0) 1293 594 010

sales@remmers.co.uk

Head Office Germany: Tel.: +49 (0)5432 83 187

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after working hours: Tel.: +49 (0)171 21 34 091

24h-Transport Emergency Contact Phone Number:

within USA and Canada: 1-800-424-9300

outside USA and Canada: 001-703-527-3887

Hädaabitelefoni number: Mürgistusteabekeskus: 16662

* **SECTION 2: Hazards identification**

* **2.1 Classification of the substance or mixture**

* **Classification according to Regulation (EC) No 1272/2008**

Eye Dam. 1 H318 Causes serious eye damage.

* **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

not applicable

Xi; Irritant

R36: Irritating to eyes.

* **Information concerning particular hazards for human and environment:**

not applicable

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

* **Classification system:**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

* **2.2 Label elements**

* **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

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*** Hazard pictograms**

GHS05

*** Signal word** Danger*** Hazard-determining components of labelling:**

Alkylethersulfat C12-14 mit EO, Natriumsalz

*** Hazard statements**

H318 Causes serious eye damage.

*** Precautionary statements**

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

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P262 Do not get in eyes, on skin, or on clothing.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

*** 2.3 Other hazards***** Results of PBT and vPvB assessment***** PBT:** Not applicable.*** vPvB:** Not applicable.*** SECTION 3: Composition/information on ingredients***** 3.2 Chemical characterisation: Mixtures***** Description:** Mixture of the substances listed below with harmless additions.*** Dangerous components:**

CAS: 68891-38-3

Alkylethersulfat C12-14 mit EO, Natriumsalz

5-10%

NLP: 500-234-8

Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3,

Reg.nr.: 01-2119488639-16-XXXX H412

*** Additional information** For the wording of the listed hazard phrases refer to section 16.*** SECTION 4: First aid measures***** 4.1 Description of first aid measures***** After inhalation** No special requirements.*** After skin contact** If skin irritation continues, consult a doctor.*** After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.*** After swallowing**

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

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

No further relevant information available.

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

No further relevant information available.

*** SECTION 5: Firefighting measures***** 5.1 Extinguishing media***** Suitable extinguishing agents**CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*** 5.2 Special hazards arising from the substance or mixture** No further relevant information available.*** 5.3 Advice for firefighters***** Protective equipment:** Wear self-contained breathing apparatus.

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* SECTION 6: Accidental release measures

* 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin contact. Avoid eye contact.

Wear protective equipment. Keep unprotected persons away.

* 6.2 Environmental precautions:

Do not allow to enter the ground/soil.

Dilute with plenty of water.

* 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

* 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

* SECTION 7: Handling and storage

* 7.1 Precautions for safe handling No special precautions necessary if used correctly.

* Information about protection against explosions and fires: No special requirements.

* 7.2 Conditions for safe storage, including any incompatibilities

* Storage

* Requirements to be met by storerooms and containers: No special requirements.

* Information on storage in a common storage facility: none

* Further information about storage conditions:

Protect from frost.

Keep container tightly closed.

* 7.3 Specific end use(s) No further relevant information available.

* SECTION 8: Exposure controls/personal protection

* Additional information about design of technical systems: No further data; see item 7.

* 8.1 Control parameters

* Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.

* Additional information: The lists that were valid during compilation were used as a basis.

* 8.2 Exposure controls

* Personal protective equipment

* General protective and hygienic measures

Apply water resistant skin protection preparation before beginning work.

Keep away from food, beverages and animal feed.

Immediately remove soiled, saturated clothing.

Wash hands before pauses and after work.

Avoid contact with eyes and skin.

* Respiratory equipment: not required.

* Protection of hands:

Protective gloves or protective skin cream.

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

* Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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*** Penetration time of glove material**

Break through time: max. 240 min (DIN EN 374).

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

*** Eye protection:** Tightly sealed safety glasses.

* SECTION 9: Physical and chemical properties

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

*** General Information**

*** Appearance:**

Form: Fluid

Colour: clear

*** Odour:** Odourless

*** Odour threshold:** Not determined.

*** pH-value at 20 °C:** 8

*** Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: > 100 °C

*** Flash point:** Not applicable

*** Inflammability (solid, gaseous)** Not applicable.

*** Ignition temperature:** not applicable

*** Decomposition temperature:** Not determined.

*** Self-inflammability:** Product is not self-igniting.

*** Danger of explosion:** Product is not explosive.

*** Explosive Limits:**

Lower: Not determined.

Upper: Not determined.

*** Vapour pressure:** Not determined.

*** Density at 20 °C** 1 g/cm³

*** Relative density** Not determined.

*** Vapour density** Not determined.

*** Evaporation rate** Not determined.

*** Solubility in / Miscibility with**

Water: Fully miscible

*** Distribution coefficient (n-octanol/water):** Not determined.

*** Viscosity:**

dynamic at 20 °C: 100 mPas

kinematic: Not determined.

*** Solvent separation test** < 3 %

*** Organic solvents:** 0.0 %

*** 9.2 Other information** No further relevant information available.

* SECTION 10: Stability and reactivity

*** 10.1 Reactivity** No further relevant information available.

*** 10.2 Chemical stability**

*** Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

*** 10.3 Possibility of hazardous reactions** No dangerous reactions known

*** 10.4 Conditions to avoid** No further relevant information available.

*** 10.5 Incompatible materials:** No further relevant information available.

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* **10.6 Hazardous decomposition products:** None if used properly.

* SECTION 11: Toxicological information

* 11.1 Information on toxicological effects

* **Acute toxicity:** Based on available data, the classification criteria are not met.

* **LD/LC50 values that are relevant for classification:**

CAS: 68891-38-3 Alkylethersulfat C12-14 mit EO, Natriumsalz

Oral LD50 >2000 mg/kg (rat)

* **Primary irritant effect:**

* **Skin corrosion/irritation** May cause irritation.

* **Serious eye damage/irritation**

Causes serious eye damage.

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

* **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

* **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

* **Reproductive toxicity** 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.

* SECTION 12: Ecological information

* 12.1 Toxicity

* **Aquatic toxicity:** No further relevant information available.

* **12.2 Persistence and degradability** No further relevant information available.

* **12.3 Bioaccumulative potential** No further relevant information available.

* **12.4 Mobility in soil** No further relevant information available.

* **Additional ecological information:**

* **General notes:**

Do not allow product to reach ground water, bodies of water or sewage system.

Do not allow undiluted or non-neutralised product to reach the sewage system or receiving waters.

Hazardous to drinking water even if small quantities leak into soil.

* **12.5 Results of PBT and vPvB assessment**

* **PBT:** Not applicable.

* **vPvB:** Not applicable.

* **12.6 Other adverse effects** No further relevant information available.

* SECTION 13: Disposal considerations

* 13.1 Waste treatment methods

* **Recommendation**

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

* **European waste catalogue**

20 01 26* oil and fat other than those mentioned in 20 01 25

* **Uncleaned packaging:**

* **Recommendation:** Disposal must be made according to official regulations.

* **Recommended cleaning agent:** Water, if necessary with cleaning agent.

* SECTION 14: Transport information

* **14.1 UN-Number**

* **ADR, ADN, IMDG, IATA**

Void

* **14.2 UN proper shipping name**

* **ADR, ADN, IMDG, IATA**

Void

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- * **14.3 Transport hazard class(es)**
- * **ADR, ADN, IMDG, IATA**
- * **Class** Void
- * **14.4 Packing group**
- * **ADR, IMDG, IATA** Void
- * **14.5 Environmental hazards:**
- * **Marine pollutant:** No
- * **14.6 Special precautions for user** Not applicable.
- * **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- * **Transport/Additional information:** Not a hazardous good according to the above regulations.
- * **UN "Model Regulation":** Void

* SECTION 15: Regulatory information

- * **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- * **Directive 2012/18/EU**
- * **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- * **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- * **National regulations**
- * **Other regulations, limitations and prohibition ordinances**
Observe the usual protective measures when working and for storage.
- * **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

* **Relevant phrases**

H315 Causes skin irritation.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

* **Department issuing data specification sheet:** Product Safety department / EHS

* **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)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3