

**Safety Data Sheet**  
according to P.U.(A) 310/2013

Printing date 18.05.2024

Version number 6

Revision: 17.04.2024

**1 Identification of the hazardous chemical and of the supplier**

- **Product identifier**
- **Trade name:** Universal Stain Remover RM 769
- **Recommended use of the chemical and restrictions on use** No further relevant information available.
- **Application of the substance / the mixture** Detergent
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
  
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Tel.: +49-7195-14-0  
  
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- **Emergency telephone number:**  
  
For Hazardous Materials [or Dangerous Goods] Incidents  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

**2 Hazard identification**

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

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### 3 Composition and information of the ingredients of the hazardous chemical

· **Chemical characterisation:** Mixtures

· **Description:** Solvent mixture.

· **Dangerous components:**

57-55-6	Propylene glycol		30-50%
5131-66-8	propylene glycol monobutyl ether	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥5-<10%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation** Supply fresh air; consult doctor in case of complaints.

· **After skin contact** Generally the product does not irritate the skin.

· **After eye contact** Rinse opened eye for several minutes under running water.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:** No special measures required.

· **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.

· **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

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- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- **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 disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Keep away from food, beverages and feed.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.
- **Control parameters**

· <b>Ingredients with limit values that require monitoring at the workplace:</b>		
<b>57-55-6 Propylene glycol</b>		
WEEL (USA)   Long-term value: 10 mg/m³		
· <b>DNELs</b>		
<b>57-55-6 Propylene glycol</b>		
Oral	DNEL	85 mg/kg×d (consumer)
Dermal	DNEL	213 mg/kg×d (consumer)
Inhalative	DNEL	168 mg/m3 (employee) 50 mg/m3 (consumer)
· <b>PNECs</b>		
<b>57-55-6 Propylene glycol</b>		
PNEC	26 mg/l (marine water) 2000 mg/l (STP)	

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- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:** Not required.
- **Material of gloves** Not required.
- **Penetration time of glove material** Not required.
- **Eye protection:** Not required.

\*

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form: Fluid
  - Colour: Colourless
- **Odour:** Product specific
- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
  - Melting point/freezing point -20 °C
  - Initial boiling point and boiling range undetermined
- **Flash point:** 78 °C (Closed Cup)
- **Flammability (solid, gas)** Not applicable.
- **Auto-ignition temperature** not applicable
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower: Not determined.
  - Upper: Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 0.944 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix

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- **Partition coefficient: n-octanol/water** Not determined.
- **Viscosity:**
  - dynamic at 20 °C: 13 mPas
  - kinematic: Not determined.
- **Other information** No further relevant information available.

**10 Stability and reactivity**

- **Reactivity** corresponds to 10.3
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:****57-55-6 Propylene glycol**

Oral | LD50 | 22000 mg/kg (Rat)

**5131-66-8 propylene glycol monobutyl ether**

Oral | LD50 | 3300 mg/kg (Rat)

- **Primary irritant effect:**
- **Skin corrosion or irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage or eye irritation** Based on available data, the classification criteria are not met.
- **Respiratory / skin sensitization** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **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.
- **Specific target organ toxicity (STOT) – single exposure** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity (STOT) – repeated exposure**  
Based on available data, the classification criteria are not met.

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· **Aspiration hazard** Based on available data, the classification criteria are not met.

### 12 Ecological information

#### · Toxicity

##### · Aquatic toxicity:

##### 57-55-6 Propylene glycol

LC50/96 h | 40613 mg/l (Oncorhynchus mykiss)

##### 5131-66-8 propylene glycol monobutyl ether

LC50/96 h | 560-1000 mg/l (fish)

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

##### · Degree of elimination:

##### 5131-66-8 propylene glycol monobutyl ether

OECD 301E | 90 % (28 d)

##### · Behaviour in environmental systems:

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

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

##### · Additional ecological information:

· **COD-value:** 1022.000 mg/l

##### · General notes:

The product does not contain organically bounded halogens (AOX-free).

The product does not contain organic complexing agents.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

##### · Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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

### 13 Disposal information

#### · Waste treatment methods

#### · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

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### · European waste catalogue

20 01 30 | detergents other than those mentioned in 20 01 29

### · Uncleaned packaging:

### · Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

## 14 Transportation information

### · UN-Number

### · ADR, IMDG, IATA

Void

### · UN proper shipping name

### · ADR, ADN, IMDG, IATA

Void

### · Transport hazard class(es)

### · ADR, ADN, IMDG, IATA

### · Class

Void

### · Packing group

### · ADR, IMDG, IATA

Void

### · Environmental hazards:

Not applicable.

### · Special precautions for user

Not applicable.

### · Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

### · UN "Model Regulation":

Void

## 15 Regulatory information

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

### · National regulations

· **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

A product information sheet can be provided if requested.

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Regulatory Affairs

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**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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 or irritation – Category 2

Eye Irrit. 2: Serious eye damage or eye irritation – Category 2

**· \* Data compared to the previous version altered.**

· 0-011-870-0 RM 769/1-2 2-723

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