

**Safety Data Sheet**  
according to WHS Regulations

Printing date 18.05.2024

Version number 6

Revision: 17.04.2024

**1 Identification**

- **Product identifier**
- **Trade name:** Universal Stain Remover RM 769
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Detergent
- **Uses advised against** –

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

**Alfred Kärcher SE & Co. KG**  
Alfred-Kärcher-Str. 28-40  
D - 71364 Winnenden  
Tel.: +49-7195-14-0

**Kärcher Pty. Ltd.**  
385 Ferntree Gully Rd  
Mount Waverley, Victoria 3149  
Victoria  
Ph.: +61-3-9765-2300

Internet: [www.karcher.com](http://www.karcher.com)

- **Distributor:**  
Kärcher Pty. Ltd.  
385 Ferntree Gully Rd  
Mount Waverley, Victoria 3149  
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Ph.: +61-3-9765-2300  
[www.karcher.com.au](http://www.karcher.com.au)
- **Email competent person:** [productsafety.management@de.karcher.com](mailto:productsafety.management@de.karcher.com)

- **Further information obtainable from:**

Regulatory Affairs  
Tel.: +49-7195-14-0  
[productsafety.management.de@karcher.com](mailto:productsafety.management.de@karcher.com)

- **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(s) Identification**

- **Classification of the substance or mixture**  
Flammable liquids – Category 4 H227 Combustible liquid.

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- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements**  
H227 Combustible liquid.
- **Precautionary statements**
  - P101 If medical advice is needed, have product container or label at hand.
  - P102 Keep out of reach of children.
  - P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection.
  - P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.
  - P403 Store in well-ventilated place.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Solvent mixture.

· **Dangerous components:**

|           |  |         |
|-----------|--|---------|
| 57-55-6   | Propylene glycol   | 30-50%  |
| 5131-66-8 | propylene glycol monobutyl ether<br>⚠ Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319;<br>Flammable liquids – Category 4, H227 | ≥5-<10% |

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

### 4 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.

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### 5 Fire Fighting Measures

- **Suitable extinguishing agents**  
CO2, 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.
- **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.
- **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.
- **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.

#### Ingredients with limit values that require monitoring at the workplace:

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

|     |   |
|-----|---|
| WES | Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm<br>*vapour&particulates;**particulates only |
|-----|---|

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· **DNELs**

**57-55-6 Propylene glycol**

|            |      |   |
|------------|------|---|
| Oral       | DNEL | 85 mg/kg×d (consumer)                       |
| Dermal     | DNEL | 213 mg/kg×d (consumer)                      |
| Inhalative | DNEL | 168 mg/m3 (employee)<br>50 mg/m3 (consumer) |

· **PNECs**

**57-55-6 Propylene glycol**

|      |   |
|------|---|
| PNEC | 26 mg/l (marine water)<br>2000 mg/l (STP) |
|------|---|

· **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

· **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, gaseous)** Not applicable.
- **Auto-ignition temperature:** not applicable
- **Decomposition temperature:** Not determined.
- **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/cm<sup>3</sup>
- **Relative density** Not determined.

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- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with**
- **Water:** Not miscible or difficult to mix
- **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
- **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) |
|------|------|------------------|

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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.

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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 considerations

· **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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- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

### 14 Transport information

- |  |                 |
|--|-----------------|
| · <b>UN-Number</b><br>· <b>ADG, IMDG, IATA</b>   | Void            |
| · <b>UN proper shipping name</b><br>· <b>ADG, ADN, IMDG, IATA</b>                      | Void            |
| · <b>Transport hazard class(es)</b><br>· <b>ADG, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>Packing group</b><br>· <b>ADG, IMDG, IATA</b>                                     | Void            |
| · <b>Environmental hazards:</b>  | Not applicable. |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>            | Not applicable. |
| · <b>UN "Model Regulation":</b>  | Void            |

### 15 Regulatory information

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

- **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

- **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

- **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.

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**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.

**· Relevant phrases**

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**· Contact:**

Regulatory Affairs

Tel.: +49-7195-14-0

productsafety.management.de@karcher.com

**· 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

Flammable liquids – Category 4: Flammable liquids – Category 4

Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2

Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A

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

· 0-011-870-0 RM 769/1-2 2-723