

**Safety Data Sheet**  
according to WHS Regulations

Printing date 02.08.2024

Version number 4

Revision: 17.06.2024

**1 Identification**

- **Product identifier**
- **Trade name:** Carpet and upholstery cleaner RM 519
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Spray extraction cleaner
- **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**  
The product is not classified, according to the Globally Harmonised System (GHS).

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- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**  
P102 Keep out of reach of children.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Cleaning agent

· **Dangerous components:**

|         |  |        |
|---------|--|--------|
| 67-63-0 | propan-2-ol  | 0.1-1% |
|         | ⚠ Flammable liquids – Category 2, H225; ⚠ Eye damage/irritation – Category 2A, H319; Specific target organ toxicity (single exposure) – Category 3, H336 |        |

- **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.

\*

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.

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6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**  
Dilute with plenty of water.  
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:

67-63-0 propan-2-ol

|     |                                       |
|-----|---------------------------------------|
| WES | Short-term value: 1230 mg/m³, 500 ppm |
|     | Long-term value: 983 mg/m³, 400 ppm   |

DNELs

67-63-0 propan-2-ol

|            |      |                        |
|------------|------|------------------------|
| Oral       | DNEL | 26 mg/kg×d (consumer)  |
| Dermal     | DNEL | 888 mg/kg×d (employee) |
|            |      | 319 mg/kg×d (consumer) |
| Inhalative | DNEL | 500 mg/m3 (employee)   |
|            |      | 89 mg/m3 (consumer)    |

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|                     |   |
|---------------------|---|
| · PNECs             |   |
| 67-63-0 propan-2-ol |   |
| PNEC                | 140.9 mg/l (freshwater)<br>140.9 mg/l (marine water)<br>140.9 mg/l (STP)<br>2251 mg/l (STP) |
| PNEC sediment       | 552 mg/kg (freshwater)<br>552 mg/kg (marine water)  |
| PNEC soil           | 28 mg/kg (soil)   |

- **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

|   |   |
|---|---|
| · <b>General Information</b>                      |   |
| · <b>Appearance:</b>                              |   |
| · <b>Form:</b>                                    | Fluid   |
| · <b>Colour:</b>                                  | Yellow  |
| · <b>Odour:</b>                                   | Product specific                              |
| · <b>Odour threshold:</b>                         | Not determined.                               |
| · <b>pH-value at 20 °C:</b>                       | 9   |
| · <b>pH-value 1 %:</b>                            | 7-9   |
| · <b>Change in condition</b>                      |   |
| · <b>Melting point/freezing point:</b>            | 0 °C  |
| · <b>Initial boiling point and boiling range:</b> | undetermined                                  |
| · <b>Flash point:</b>                             | Not applicable                                |
| · <b>Flammability (solid, gaseous)</b>            | Not applicable.                               |
| · <b>Auto-ignition temperature:</b>               | not applicable                                |
| · <b>Decomposition temperature:</b>               | Not determined.                               |
| · <b>Ignition temperature:</b>                    | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>                    | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                        |   |
| · <b>Lower:</b>                                   | Not determined.                               |
| · <b>Upper:</b>                                   | Not determined.                               |
| · <b>Vapour pressure:</b>                         | Not determined.                               |
| · <b>Density at 20 °C:</b>                        | 1.034 g/cm³                                   |
| · <b>Relative density</b>                         | Not determined.                               |

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|   |  |
|---|--|
| · Vapour density                          | Not determined.                            |
| · Evaporation rate                        | Not determined.                            |
| · Solubility in / Miscibility with        |  |
| · Water:                                  | Fully miscible                             |
| · Partition coefficient: n-octanol/water: | Not determined.                            |
| · Viscosity:                              |  |
| · dynamic at 20 °C:                       | 4 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.

|  |      |                                 |
|--|------|---------------------------------|
| · <b>LD/LC50 values relevant for classification:</b> |      |                                 |
| <b>13845-36-8 pentapotassium triphosphate</b>        |      |                                 |
| Oral   | LD50 | >2000 mg/kg (Rat)               |
| <b>67-63-0 propan-2-ol</b>                           |      |                                 |
| Oral   | LD50 | 5840 mg/kg (Rat) (OECD 401)     |
| Dermal   | LD50 | 13900 mg/kg (Rabbit) (OECD 402) |
| <b>3811-73-2 sodium pyrithione</b>                   |      |                                 |
| Oral   | LD50 | 500 mg/kg (ATE)                 |
| Dermal   | LD50 | 790 mg/kg (ATE)                 |

- **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.

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- **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.

12 Ecological Information

· **Toxicity**

· **Aquatic toxicity:**

**13845-36-8 pentapotassium triphosphate**

LC50/24 h 1850 mg/l (fish) (AFNOR T 90 303)

**67-63-0 propan-2-ol**

LC50/96 h 9640 mg/l (Pimephales promelas)

EC50/48 h 13299 mg/l (Daphnia magna)

EC50/72 h >1000 mg/l (Desmodesmus subspicatus)

EC10/18 h >1000 mg/l (Pseudomonas putida) (DIN 38412)

**3811-73-2 sodium pyrithione**

LC50/96 h 0.00767 mg/l (Danio rerio) (OECD 203)

EC50/48 h 0.022 mg/l (Daphnia magna) (OECD 202)

EC50/72 h 0.46 mg/l (F29) (OECD 201)

NOEC 0.08 mg/l // 72 h (F29) (OECD 201)

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

· **Behaviour in environmental systems:**

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

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

· **Additional ecological information:**

· **General notes:**

The product does not contain organic complexing agents.

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

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.

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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.
- Uncleaned packaging:
- Recommendation:  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- Recommended cleansing agents: Water, if necessary together with cleaning agents.

14 Transport information

|  |                 |
|--|-----------------|
| UN-Number  |                 |
| ADG, IMDG, IATA  | Void            |
| UN proper shipping name  |                 |
| ADG, IMDG, IATA  | Void            |
| Transport hazard class(es)   |                 |
| ADG, ADN, IMDG, IATA   |                 |
| Class  | Void            |
| Packing group  |                 |
| ADG, 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

|  |                             |
|--|-----------------------------|
| Australian Inventory of Industrial Chemicals |                             |
| 7732-18-5                                    | water                       |
| 13845-36-8                                   | pentapotassium triphosphate |
| 57-13-6                                      | urea                        |
| 67-63-0                                      | propan-2-ol                 |
| 57-55-6                                      | Propylene glycol            |

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|            |   |
|------------|---|
| 1310-58-3  | potassium hydroxide                           |
| 3811-73-2  | sodium pyrrhione                              |
| 6915-15-7  | I-Malic acid                                  |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                  |
| 587-98-4   | C.I. acid yellow 36                           |
| 111-90-0   | Diethylene glycol monoethyl ether             |
| 68039-49-6 | 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde    |
| 497-19-8   | sodium carbonate                              |
| 5989-27-5  | (R)-p-mentha-1,8-diene                        |
| 532-32-1   | sodium benzoate                               |
| 13466-78-9 | delta-3-Carene                                |
| 24634-61-5 | potassium (E,E)-hexa-2,4-dienoate             |
| 8042-47-5  | paraffinum liquidum                           |
| 104-54-1   | Cinnamyl alcohol                              |
| 586-62-9   | terpinolene                                   |
| 1125-12-8  | 1-isopropyl-4-methylbicyclo[3.1.0]hexan-3-one |
| 78-70-6    | Linalool                                      |
| 99-85-4    | p-Mentha-1,4-diene                            |
| 100-52-7   | benzaldehyde                                  |

### Standard for the Uniform Scheduling of Medicines and Poisons

|           |                     |             |
|-----------|---------------------|-------------|
| 1310-58-3 | potassium hydroxide | S5, S6, S10 |
|-----------|---------------------|-------------|

### 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.

### Relevant phrases

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

### 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

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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 2: Flammable liquids – Category 2  
Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A  
Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3

· \* Data compared to the previous version altered.

· 0·011-653·0      RM 519/4      2·648