

**Safety Data Sheet**  
according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**1 Identification**

- **Product identifier**
- **Trade name: Carpet 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  
Victoria  
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).

*(Contd. on page 2)*

AU

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519**

(Contd. of page 1)

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

- 
- **Other hazards**  
The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

- **Dangerous components:**

67-63-0	propan-2-ol	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	0.1-1%
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- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### 4 First Aid Measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Rinse with warm water.
- **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.

(Contd. on page 3)

**Safety Data Sheet**  
according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519***(Contd. of page 2)*

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

**6 Accidental Release Measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
  - Do not allow product to reach sewage system or any water course.
  - Inform respective authorities in case of seepage into water course or sewage system.
  - 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**
  - No dangerous substances are released.
  - 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 measures required.
- **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:** Not required.
- **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 item 7.

*(Contd. on page 4)*

-AU-

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519**

(Contd. of page 3)

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

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

WES	Short-term value: 1230 mg/m <sup>3</sup> , 500 ppm Long-term value: 983 mg/m <sup>3</sup> , 400 ppm
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· **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/m <sup>3</sup> (employee) 89 mg/m <sup>3</sup> (consumer)

· **PNECs**

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

PNEC	140.9 mg/l (freshwater)
	140.9 mg/l (marine water)
	140.9 mg/l (STP)
	2251 mg/l (STP)
PNEC sediment	552 mg/kg (freshwater)
	552 mg/kg (marine water)
PNEC soil	28 mg/kg (soil)

· **Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:** Not necessary if room is well-ventilated.

· **Protection of hands:** Not required.

· **Material of gloves**

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.

· **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

(Contd. on page 5)

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519**

(Contd. of page 4)

· <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>	8-9
· <b>Change in condition</b>	
<b>Melting point/freezing point:</b>	0 °C
<b>Initial boiling point and boiling range:</b>	100 °C
· <b>Flash point:</b>	Not applicable
· <b>Flammability (solid, gaseous)</b>	Not applicable.
· <b>Ignition temperature:</b>	not applicable
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-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/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>dynamic at 20 °C:</b>	4 mPas
<b>kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Solids content:</b>	6.3 %
· <b>Other information</b>	No further relevant information available.

### 10 Stability and Reactivity

· **Reactivity** corresponds to 10.3

(Contd. on page 6)

AU

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519**

(Contd. of page 5)

- **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:**

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

Oral	LD50	5840 mg/kg (Rat) (OECD 401)
Dermal	LD50	13900 mg/kg (Rabbit) (OECD 402)

- **Primary irritant effect:**
- **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.
- **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.
- **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:**

**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)

(Contd. on page 7)

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519***(Contd. of page 6)*

- **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.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**

Hand over to hazardous waste disposers.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Uncleaned packaging:**
- **Recommendation:**

Non contaminated packagings may be recycled.

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

- |                                  |      |
|----------------------------------|------|
| · <b>UN-Number</b>               |      |
| · <b>ADG, ADN, IMDG, IATA</b>    | Void |
| · <b>UN proper shipping name</b> |      |
| · <b>ADG, ADN, IMDG, IATA</b>    | Void |

*(Contd. on page 8)*

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519**

(Contd. of page 7)

· <b>Transport hazard class(es)</b>	
· <b>ADG, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	
· <b>ADG, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <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**  
No further relevant information available.

· <b>Australian Inventory of Industrial Chemicals</b>	
7732-18-5	water
13845-36-8	pentapotassium triphosphate
57-13-6	urea
67-63-0	propan-2-ol
57-55-6	Propylene glycol
1310-58-3	potassium hydroxide
6915-15-7	l-Malic acid
111-90-0	Diethylene glycol monoethyl ether
2634-33-5	1,2-benzisothiazol-3(2H)-one
587-98-4	C.I. acid yellow 36
68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde
497-19-8	sodium carbonate
5989-27-5	(R)-p-mentha-1,8-diene
8042-47-5	paraffinum liquidum
78-70-6	Linalool
104-54-1	Cinnamyl alcohol
546-80-5	Thujone
100-52-7	benzaldehyde
· <b>Standard for the Uniform Scheduling of Medicines and Poisons</b>	
1310-58-3	potassium hydroxide
	S5, S6, S10

(Contd. on page 9)

## Safety Data Sheet according to WHS Regulations

Printing date 04.03.2023

Version number 3

Revision: 31.05.2021

**Trade name: Carpet Cleaner RM 519**

122-99-6	2-phenoxyethanol	(Contd. of page 8) S6
546-80-5	Thujone	S6

· **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.kaercher.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  
Flam. Liq. 2: Flammable liquids – Category 2  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

· 0-011-653-0                      RM 519/3                      2-285