

**Safety Data Sheet**  
according to WHS Regulations

Printing date 13.02.2021

Version number 4

Revision: 01.10.2020

## 1 Identification

- **Product identifier**
- **Trade name: CarpetPro RM 767**
- **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

Postfach 160  
D - 71349 Winnenden

Tel.: +49-7195-14-0  
Fax : +49-7195-14-2212

[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:** [safetydata@kaercher.com](mailto:safetydata@kaercher.com)

- **Further information obtainable from:**

Department CSD-D  
Tel.: +49-7195-14-2548  
[productsafety.management@de.kaercher.com](mailto:productsafety.management@de.kaercher.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).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void

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- **Signal word** Void
- **Hazard statements** Void

· **Other hazards**

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

· **Results of PBT and vPvB assessment**

· **PBT:**

541-02-6	decamethylcyclopentasiloxane
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· **vPvB:**

541-02-6	decamethylcyclopentasiloxane
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### 3 Composition and Information on Ingredients

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

· **Dangerous components:**

541-02-6	decamethylcyclopentasiloxane	Flam. Liq. 4, H227 PBT; vPvB	0.1-1%
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· **SVHC**

541-02-6	decamethylcyclopentasiloxane
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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**
- **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.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.

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- **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:**  
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 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 item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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<b>· DNELs</b>		
<b>68424-85-1 Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))</b>		
<i>Dermal</i>	<i>DNEL</i>	5.7 mg/kg*d (employee)
<i>Inhalative</i>	<i>DNEL</i>	3.96 mg/m <sup>3</sup> (employee)
		1.64 mg/m <sup>3</sup> (consumer)
<i>Irritation of skin</i>	<i>DNEL</i>	3.4 mg/cm <sup>2</sup> (consumer)
<b>· PNECs</b>		
<b>68424-85-1 Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))</b>		
<i>PNEC</i>		0.001 mg/l (freshwater)
		0.001 mg/l (marine water)
		0.4 mg/l (STP)
<i>PNEC sediment</i>		12.27 mg/kg (freshwater)
		13.09 mg/kg (marine water)
<i>PNEC soil</i>		7 mg/kg (soil)

**· 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:**

\* chemical resistant protective gloves (EN 374)

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

**· 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**

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

**· For the permanent contact gloves made of the following materials are suitable:**

\* butyl rubber 0,7 mm, 480 min (EN 374)

**· As protection from splashes gloves made of the following materials are suitable:**

\* nitril rubber 0,4 mm, 30 min (EN 374)

**· Eye protection:** Goggles recommended during refilling.

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### 9 Physical and Chemical Properties

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

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	Light yellow
· <b>Odour:</b>	Product specific
· <b>Odour threshold:</b>	Not determined.

· <b>pH-value at 20 °C:</b>	6.4
· <b>pH-value 1 %:</b>	7.4

· **Change in condition**

· <b>Melting point/freezing point:</b>	undetermined
· <b>Initial boiling point and boiling range:</b>	100 °C

· <b>Flash point:</b>	Not applicable
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· <b>Flammability (solid, gaseous)</b>	Not applicable.
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· <b>Ignition temperature:</b>	not applicable
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· <b>Decomposition temperature:</b>	Not determined.
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· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
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· <b>Explosive properties:</b>	Product does not present an explosion hazard.
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· **Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· <b>Vapour pressure at 20 °C:</b>	23 hPa
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· <b>Density at 20 °C:</b>	1.023 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.

· **Solubility in / Miscibility with**

· <b>Water:</b>	Fully miscible
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· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
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· **Viscosity:**

· <b>dynamic at 20 °C:</b>	3 mPas
· <b>kinematic:</b>	Not determined.

· **Solvent content:**

· <b>Organic solvents:</b>	0.0 %
· <b>VOC (EC)</b>	0.01 %
· <b>Solids content:</b>	8.0 %

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· **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**

· **LD/LC50 values relevant for classification:**

**57-13-6 urea**

Inhalative	LC50	14,500 mg/kg (Rat)
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**541-02-6 decamethylcyclopentasiloxane**

Dermal	LD50	>15,000 mg/kg (Rat)
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Inhalative	LC50	>5,000 mg/kg (Rat)
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**68424-85-1 Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))**

Oral	LD50	344 mg/kg (Rat)
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Dermal	LD50	3,340 mg/kg (Rabbit)
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· **Additional toxicological information:**

*The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.*

### 12 Ecological Information

· **Toxicity**

· **Aquatic toxicity:**

**68424-85-1 Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))**

LC50/96 h	0.28 mg/l ( <i>Pimephales promelas</i> ) (US-EPA)
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	0.515 mg/l ( <i>Lepomis macrochirus</i> )
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IC50/72 h	0.03 mg/l (Algae)
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EC50/48 h	0.016 mg/l ( <i>Daphnia magna</i> )
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ErC50/96h	0.049 mg/l (Pseudokirchneriella subcapitata)
NOEC	0.032 mg/l (Pimephales promelas)
	0.0042 mg/l (Daphnia magna)
	0.456 mg/l (Lepomis macrochirus)

- **Persistence and degradability** No further relevant information available.
- **Other information:** The product is biodegradable.
- **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 surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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

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

Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment**

· <b>PBT:</b>	
541-02-6	decamethylcyclopentasiloxane
· <b>vPvB:</b>	
541-02-6	decamethylcyclopentasiloxane

· **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.

· **Uncleaned packaging:**

· **Recommendation:** Non contaminated packagings may be recycled.

· **Recommended cleansing agents:** Water, if necessary together with cleaning agents.

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**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
· <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>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <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**

7732-18-5	water
57-13-6	urea
541-02-6	decamethylcyclopentasiloxane
68424-85-1	Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))
134737-05-6	Diquarternary polydimethylsiloxane
67-63-0	propan-2-ol

· **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.

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· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

541-02-6	decamethylcyclotrasiloxane
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· **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**

*H227 Combustible liquid.*

· **Department issuing SDS:** CSD-D

· **Contact:**

*Department CSD-D*

*Tel.: +49-7195-14-2548*

*productsafety.management@de.kaercher.com*

· **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*

*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)*

*VOC: Volatile Organic Compounds (USA, EU)*

*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*

*SVHC: Substances of Very High Concern*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 4: Flammable liquids – Category 4*

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

· 0-011-960-0

RM 767/4

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