

Safety Data Sheet

in accordance with Hazardous Substances (Safety Data Sheets) Notice
2017

Printing date 18.05.2024

Version number 6

Revision: 21.03.2024

1 Identification of the substance or mixture and of the supplier

- **Product identifier**
- **Trade name:** CarpetPro Cleaner, quick-drying RM 767 OA
- **Relevant identified uses of the substance or mixture and uses advised against**
Restricted to professional users.
- **Application of the substance / the mixture** Spray extraction cleaner
- **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

Karcher Limited

66 Allens Road
East Tamaki
Auckland, New Zealand
Telephone: (09) 274 4603

Internet: www.karcher.com

- **Further information obtainable from:**

Regulatory Affairs
Tel.: +49-7195-14-0
productsafety.management.de@karcher.com

- **Emergency telephone number:**

0800 764 766 [National Poisons Centre]
111 [Fire, Ambulance, Police]

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 Hazards identification

- **Classification of the substance or mixture**

Hazardous to the aquatic environment chronic Category 3 H412 Harmful to aquatic life with long lasting effects.

- **Label elements**

- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

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· **Precautionary statements**

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/Information on ingredients· **Chemical characterisation: Mixtures**· **Description:** Cleaning agent· **Dangerous components:**

CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol	≥1-≤5%
CAS: 541-02-6 EINECS: 208-764-9	decamethylcyclopentasiloxane Flammable liquids Category 4, H227 PBT; vPvB	≥0.1-≤1%
CAS: 68424-85-1 EINECS: 270-325-2	Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16)) ⚠ Skin corrosion Category 1B, H314; Serious eye damage Category 1, H318; ⚠ Hazardous to the aquatic environment acute Category 1, H400; Hazardous to the aquatic environment chronic Category 1, H410; ⚠ Acute oral toxicity Category 4, H302	≥0.25-<1%
CAS: 134737-05-6	Diquarternary polydimethylsiloxane ⚠ Hazardous to the aquatic environment acute Category 1, H400; Hazardous to the aquatic environment chronic Category 2, H411	≥0.25-<1%

· **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.

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- **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:**
 - 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).
 - Ensure adequate ventilation.
- **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**
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
- **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/personal protection

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

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

57-55-6 Propylene glycol

WES	Long-term value: 474* 10** mg/m ³ , 150* ppm *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/m ³ (employee) 50 mg/m ³ (consumer)

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

Dermal	DNEL	5.7 mg/kg×d (employee)
Inhalative	DNEL	3.96 mg/m ³ (employee) 1.64 mg/m ³ (consumer)
Irritation of skin	DNEL	3.4 mg/cm ² (consumer)

· PNECs

57-55-6 Propylene glycol

PNEC	26 mg/l (marine water) 2000 mg/l (STP)
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541-02-6 decamethylcyclopentasiloxane

PNEC	10 mg/l (STP) (Assessment factor: 100)
PNEC sediment	11 mg/kg (freshwater) (Assessment factor: 10) 1.1 mg/kg (marine water) (Assessment factor: 100)
PNEC soil	2.54 mg/kg (Assessment factor: 50)
PNEC aqua	0.0012 mg/l (freshwater) (Assessment factor: 10) 0.00012 mg/l (marine water) (Assessment factor: 100)

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

PNEC	0.001 mg/l (freshwater) 0.001 mg/l (marine water) 0.4 mg/l (STP)
PNEC sediment	12.27 mg/kg (freshwater) 13.09 mg/kg (marine water)
PNEC soil	7 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.

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· Eye protection: Not required.

9 Physical and chemical properties

· General Information

· Appearance:

· Form: Fluid
· Colour: Light yellow
· Odour: fresh
· Odour threshold: Not determined.
· pH-value at 20 °C: 6-8
· pH-value 1 %: 6-8

· Change in condition

· Melting point/freezing point: 0 °C
· Initial boiling point and boiling range: 100 °C
· Flash point: Not applicable
· 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: 1.023 g/cm³

· Relative density: Not determined.

· 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: 3 mPas

· kinematic: Not determined.

· Other information: No further relevant information available.

10 Stability and reactivity

· Reactivity corresponds to 10.3

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- **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)
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541-02-6 decamethylcyclopentasiloxane

Dermal	LD50	>15000 mg/kg (Rat)
Inhalative	LC50	>5000 mg/kg (Rat)

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

Oral	LD50	344 mg/kg (Rat)
Dermal	LD50	3340 mg/kg (Rabbit)

134737-05-6 Diquarternary polydimethylsiloxane

Oral	LD50	>5000 mg/kg (Rat)
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- **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.
- **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)
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68424-85-1 Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))

LC50/96 h	0.28 mg/l (Pimephales promelas) (US-EPA) 0.515 mg/l (Lepomis macrochirus)
IC50/72 h	0.03 mg/l (Algae)
EC50/48 h	0.016 mg/l (Daphnia magna)
EC50/30 min	11 mg/l (activated sludge) (OECD 209)
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)

134737-05-6 Diquaternary polydimethylsiloxane

LC50/96 h	30.8 mg/l (Danio rerio) (OECD 203)
EC50/48 h	>200 mg/l (Daphnia magna) (OECD 202)
ErC50/72h	0.49 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC (dynamic)	0.313 mg/l / (72 h) (Pseudokirchneriella subcapitata) (OECD 201)

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

· **Degree of elimination:****541-02-6 decamethylcyclopentasiloxane**

OECD 310	0.14 % (28 d)
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68424-85-1 Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))

OECD 301D	63 % (28 d)
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· **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 organically bounded halogens (AOX-free).

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 organic complexing agents.

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.

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Results of PBT and vPvB assessment

PBT:

541-02-6 decamethylcyclopentasiloxane

vPvB:

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.

European waste catalogue

20 01 29* detergents containing hazardous substances

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

NZS, IMDG, IATA

Void

UN proper shipping name

NZS, ADN, IMDG, IATA

Void

Transport hazard class(es)

NZS, ADN, IMDG, IATA

Class

Void

Packing group

NZS, 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.

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· UN "Model Regulation":

Void

15 Regulatory information

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

· New Zealand Inventory of Chemicals

7732-18-5	water
57-13-6	urea
57-55-6	Propylene glycol
541-02-6	decamethylcyclopentasiloxane
68424-85-1	Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16))
134737-05-6	Diquaternary polydimethylsiloxane
1335202-95-3	Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized
540-97-6	Dodecamethylcyclohexasiloxane
67-63-0	propan-2-ol
111-90-0	Diethylene glycol monoethyl ether
68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde
556-67-2	octamethylcyclotetrasiloxane
5989-27-5	(R)-p-mentha-1,8-diene
532-32-1	sodium benzoate
24634-61-5	potassium (E,E)-hexa-2,4-dienoate
13466-78-9	delta-3-Carene
104-54-1	Cinnamyl alcohol
586-62-9	terpinolene
78-70-6	Linalool
99-85-4	p-Mentha-1,4-diene
100-52-7	benzaldehyde

· National regulations

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

· Other regulations, limitations and prohibitive regulations

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

541-02-6	decamethylcyclopentasiloxane
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· HSNO Act 1996: EPA New Zealand Approval Code

HSR002530; Cleaning Products (Subsidiary Hazard) Group Standard 2020.

· HSNO Controls Refer to www.epa.govt.nz for information on Controls.

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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.

· **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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flammable liquids Category 4: Flammable liquids – Category 4
Acute oral toxicity Category 4: Acute toxicity – Category 4
Skin corrosion Category 1B: Skin corrosion/irritation – Category 1B
Serious eye damage Category 1: Serious eye damage/eye irritation – Category 1
Hazardous to the aquatic environment acute Category 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Hazardous to the aquatic environment chronic Category 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Hazardous to the aquatic environment chronic Category 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Hazardous to the aquatic environment chronic Category 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

· 0-011-960-0 RM 767/5 2-701