

Safety Data Sheet
according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

1 Identification

- **Other means of identification**
- **Trade name:** VehiclePro Brush Shampoo RM 811 Classic
- **Relevant identified uses of the substance or mixture and uses advised against**
Restricted to professional users.
- **Application of the substance / the mixture** Car shampoo
- **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
- **Distributor:**
Kärcher Pty. Ltd.
385 Ferntree Gully Rd
Mount Waverley, Victoria 3149
Victoria
Ph.: +61-3-9765-2300
www.karcher.com.au
- **Email competent person:** productsafety.management@de.kaercher.com
- **Further information obtainable from:**

Regulatory Affairs
Tel.: +49-7195-14-0
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: +1-703-527-3887 (collect calls accepted)

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Eye damage/irritation – Category 1 H318 Causes serious eye damage.

(Contd. on page 2)

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 1)

Label elements

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

Hazard pictograms

Corrosion



GHS05

Signal word Danger

Hazard-determining components of labelling:

sodium lauryl ether sulfate (≥ 5 - < 10 %)

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts (≥ 1 - < 2.5 %)

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

3 Composition and Information on Ingredients

Chemical characterisation: Mixtures

Description: Cleaning agent

Dangerous components:

68891-38-3	sodium lauryl ether sulfate 	≥ 5 - < 10 %
	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts 	≥ 1 - < 2.5 %

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.

(Contd. on page 3)

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 2)

- **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.

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** Avoid contact with eyes and skin.

- **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.

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 3)

· **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Appropriate engineering controls** No further data; see section 7.
- **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.

· **PNECs**

68891-38-3 sodium lauryl ether sulfate

PNEC	10000 mg/l (STP) (Assessment factor: 1)
PNEC sediment	0.917 mg/kg (freshwater) (sediment dw) 0.092 mg/kg (marine water) (sediment dw)
PNEC soil	7.5 mg/kg (Assessment factor: 100)
PNEC aqua	0.24 mg/l (freshwater) (Assessment factor: 5) 0.024 mg/l (marine water) (Assessment factor: 50)

- **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:**



Tightly sealed goggles (EN 166)

9 Physical and Chemical Properties

- **General Information**
- **Appearance:**
- **Form:** Fluid
- **Colour:** Light yellow
- **Odour:** Pine
- **Odour threshold:** Not determined
- **pH-value at 20 °C:** 8.6
- **pH-value 1 %:** 6-8
- **Change in condition**
- **Melting point/freezing point:** 0 °C
- **Initial boiling point and boiling range:** undetermined

(Contd. on page 5)

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 4)

· 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:	1.017 g/cm ³
· 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:	4.5 mPas
· kinematic:	Not determined
· Other information	No further relevant information available.
· Additional information	
· Particle characteristics	Not applicable
· Physical state	Liquid

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.

(Contd. on page 6)

AU

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 5)

· LD/LC50 values relevant for classification:

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts

Oral	LD50	2335 mg/kg (Rat)
------	------	------------------

3811-73-2 sodium pyrithione

Oral	LD50	500 mg/kg (ATE)
------	------	-----------------

Dermal	LD50	790 mg/kg (ATE)
--------	------	-----------------

· Primary irritant effect:

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

· **Serious eye damage/irritation** Causes serious eye damage.

· **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:

68891-38-3 sodium lauryl ether sulfate

LC50/96 h	7.1 mg/l (Brachydanio rerio) (OECD 203)
EC50/48 h	7.4 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	27.7 mg/l (Algae) (OECD 201)
EC50 (static)	>10000 mg/l (Pseudomonas putida)
NOErC	0.95 mg/l (algae)
NOEC (dynamic)	0.27 mg/l / (21 d) (Daphnia magna) (OECD 211)
	0.14 mg/l / (28 d) (Oncorhynchus mykiss) (OECD 204)

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts

LC50/96 h	1.11 mg/l (Pimephales promelas)
EC50/48 h	1.9 mg/l (Daphnia magna)
EC0 (16 h)	3000 mg/l (Pseudomonas putida)
ErC50/72h	2.4 mg/l (Desmodesmus subspicatus)
NOEC	0.6 mg/l (Desmodesmus subspicatus) (72 h)
	0.3 mg/l (Daphnia magna) (21 d)
	0.135 mg/l (Oncorhynchus mykiss) (37 d)

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)

(Contd. on page 7)

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 6)

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.

· **Degree of elimination:**

68891-38-3 sodium lauryl ether sulfate

OECD 301D ≥77 % (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:** 224.000 mg/l

· **General notes:**

The product does not contain organic complexing agents.

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.

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**

· **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.

· **Uncleaned packaging:**

· **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

(Contd. on page 8)

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 7)

· **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
77-92-9	citric acid
25265-71-8	Dipropylene glycol (isomer unspecified)
18479-58-8	Dihydromyrcenol
1310-73-2	sodium hydroxide
3811-73-2	sodium pyrrithione
76-22-2	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one
19009-56-4	2-Methyldecanal
7785-53-7	d.alpha.-Terpineol
5989-27-5	(R)-p-mentha-1,8-diene
110-41-8	2-methylundecanal
112-54-9	Lauric aldehyde
470-82-6	eucalyptol
54464-57-2	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone

(Contd. on page 9)

Safety Data Sheet according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic

(Contd. of page 8)

58567-11-6	Formaldehyde cyclododecyl ethyl acetal
67634-00-8	allyl (3-methylbutoxy)acetate
68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde
2634-33-5	1,2-benzisothiazol-3(2H)-one
2216-51-5	L-menthol
34902-57-3	Oxacyclohexadecen-2-on
14073-97-3	l-Menthone
56973-85-4	1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one
4180-23-8	trans-Anethole
91-64-5	Coumarin
112-12-9	2-Undecanone
97-53-0	Eugenol
587-98-4	C.I. acid yellow 36
140-67-0	Estragole
1310-58-3	potassium hydroxide
97-54-1	isoeugenol

· Standard for the Uniform Scheduling of Medicines and Poisons

1310-73-2	sodium hydroxide	S5, S6, S10
76-22-2	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	S5, S6
470-82-6	eucalyptol	S6
91-64-5	Coumarin	S4
97-53-0	Eugenol	S5, S6
1310-58-3	potassium hydroxide	S5, S6, S10
97-54-1	isoeugenol	S5, S6
94-59-7	safrole	S6, S10
106-24-1	geraniol	S6
5392-40-5	Citral	S5

· 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.

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

H315 Causes skin irritation.

(Contd. on page 10)

AU

Safety Data Sheet
according to WHS Regulations

Date of issue: 30.01.2026

Version number 5

Revision: 09.12.2025

Trade name: VehiclePro Brush Shampoo RM 811 Classic*(Contd. of page 9)*

H318 Causes serious eye damage.

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)

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

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

Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1

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

· 0·011-351·0 RM 811 Classic/3 2·887