

Safety Data Sheet
according to WHS Regulations

Date of issue: 04.07.2025

Version number 12

Revision: 19.11.2024

1 Identification

- **Other means of identification**
- **Trade name:** VehiclePro Washing Bay and Tile Cleaner RM 841
- **Relevant identified uses of the substance or mixture and uses advised against**
Restricted to professional users.
- **Application of the substance / the mixture** Detergent
- **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: +1 703-741-5970 (collect calls accepted)

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Corrosive to metals – Category 1 H290 May be corrosive to metals.
Skin corrosion/irritation – Category 1B H314 Causes severe skin burns and eye damage.

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Eye damage/irritation – Category 1 H318 Causes serious eye damage.

- **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:**
isotridecanoethoxylate + 8 EO (≥3-≤5 %)
Phosphoric acid, butyl ester (≥1-<5 %)
phosphoric acid (10-20 %)
- **Hazard statements**
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
- **Precautionary statements**
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition and Information on Ingredients

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

· Dangerous components:		
7664-38-2	phosphoric acid ⚠ Corrosive to metals – Category 1, H290; Skin corrosion/irritation – Category 1B, H314; Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302	10-20%
69011-36-5	isotridecanoethoxylate + 8 EO ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302	≥3-≤5%
12788-93-1	Phosphoric acid, butyl ester ⚠ Skin corrosion/irritation – Category 1B, H314	≥1-<5%
15763-76-5	sodium p-cumenesulphonate ⚠ Eye damage/irritation – Category 2A, H319	0.1-1%
126-73-8	tributyl phosphate ⚠ Acute toxicity - inhalation – Category 3, H331; ⚠ Carcinogenicity – Category 2, H351; ⚠ Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315	≥0-<1%

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- **Additional information** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- **General information** Immediately remove any clothing soiled by the product.
- **After inhalation**
In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **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.
- **Advice for firefighters**
- **Hazchem Code:** 2R
- **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**
Wear protective equipment. Keep unprotected persons away.
- **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).
Use neutralising agent.

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Dispose contaminated material as waste according to section 13.
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.
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:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Keep away from food, beverages and feed.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **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:		
7664-38-2 phosphoric acid		
WES	Short-term value: 3 mg/m³ Long-term value: 1 mg/m³	
126-73-8 tributyl phosphate		
WES	Long-term value: 2.2 mg/m³, 0.2 ppm	
· DNELs		
15763-76-5 sodium p-cumenesulphonate		
Oral	DNEL	3.8 mg/kg×d (consumer)
Dermal	DNEL	136.25 mg/kg×d (employee) 68.1 mg/kg×d (consumer)
Inhalative	DNEL	26.9 mg/m3 (employee) 6.6 mg/m3 (consumer)
· PNECs		
15763-76-5 sodium p-cumenesulphonate		
PNEC	0.23 mg/l (freshwater) 0.023 mg/l (marine water)	

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PNEC sediment	100 mg/l (STP) 0.862 mg/kg (freshwater) 0.086 mg/kg (marine water)
PNEC soil	0.037 mg/kg (soil)

- Personal protective equipment
- General protective and hygienic measures
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes and skin.
- Respiratory protection:
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 - Filter A/P2.
- Protection of hands:



Protective gloves.

- Material of gloves Butyl rubber, BR
- 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.
- Eye protection:



Tightly sealed goggles (EN 166)

9 Physical and Chemical Properties

- General Information
- Appearance:
 - Form: Fluid
 - Colour: Red
 - Odour: Product specific
 - Odour threshold: Not determined.
 - pH-value at 20 °C: 0.3
 - pH-value 1 %: 1-3
- Change in condition
- Melting point/freezing point: -8 °C
- Initial boiling point and boiling range: undetermined
- Flash point: Not applicable
- Flammability (solid, gaseous) Not applicable.
- Auto-ignition temperature: not applicable

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· 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:	1.092 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:	4 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** Reacts with light alloys to form hydrogen
- **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:		
7664-38-2 phosphoric acid		
Dermal	LD50	2740 mg/kg (Rabbit)

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69011-36-5 isotridecanoethoxylate + 8 EO

Oral	ATE	500 mg/kg (Rat)
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15763-76-5 sodium p-cumenesulphonate

Oral	LD50	>5000 mg/kg (Rat) (OECD 401)
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Dermal	LD50	>2000 mg/kg (Rabbit)
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126-73-8 tributyl phosphate

Oral	LD50	1390 mg/kg (Rat)
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Inhalative	LC50/4 h	4242 mg/l (Rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes severe skin burns and eye damage.
- **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:

7664-38-2 phosphoric acid

LC50/96 h	138 mg/l (Gambusia affinis)
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EC50/48 h	>100 mg/l (Daphnia magna) (OECD 202)
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69011-36-5 isotridecanoethoxylate + 8 EO

LC50/96 h	>1-10 mg/l (Leuciscus idus)
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EC50/48 h	>1-10 mg/l (Aquatic invertebrates)
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EC50/72 h	>1-10 mg/l (Aquatic plants)
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NOEC	>1 mg/l /(21 d)
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15763-76-5 sodium p-cumenesulphonate

LC50/96 h (static)	>100 mg/l (Oncorhynchus mykiss)
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EC50/48 h (static)	>100 mg/l (Daphnia magna)
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EC50/96 h (static)	>100 mg/l (Pseudokirchneriella subcapitata)
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- **Persistence and degradability** No further relevant information available.

· Degree of elimination:

69011-36-5 isotridecanoethoxylate + 8 EO

OECD 301B	>60 % (28 d)
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OECD 301E	≥90 % (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:

· **COD-value:** 217.000 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 undiluted product or large quantities of it to reach ground water, water course or sewage system.

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

· 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.

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

14 Transport information

· UN-Number

· **ADG, IMDG, IATA**

UN1805

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· UN proper shipping name · ADG · IMDG, IATA		1805 PHOSPHORIC ACID, SOLUTION PHOSPHORIC ACID, SOLUTION
· Transport hazard class(es) · ADG 		
· Class · Label		8 (C1) Corrosive substances. 8
· IMDG, IATA 		
· Class · Label		8 Corrosive substances. 8
· Packing group · ADG, IMDG, IATA		III
· Environmental hazards:		Not applicable.
· Special precautions for user · Hazard identification number (Kemler code): · Hazchem Code: · EMS Number: · Segregation groups · Stowage Category		Warning: Corrosive substances. 80 2R F-A,S-B (SGG1) Acids A
· Transport in bulk according to Annex II of Marpol and the IBC Code		Not applicable.
· Transport/Additional information:		
· ADG · Limited quantities (LQ) · Excepted quantities (EQ)		5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category · Tunnel restriction code		3 E

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· IMDG

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":

UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III

15 Regulatory information

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

· Australian Inventory of Industrial Chemicals

7732-18-5	water
7664-38-2	phosphoric acid
12788-93-1	Phosphoric acid, butyl ester
15763-76-5	sodium p-cumenesulphonate
126-73-8	tributyl phosphate

· Standard for the Uniform Scheduling of Medicines and Poisons

7664-38-2	phosphoric acid	S5, S6
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· 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

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H351 Suspected of causing cancer.

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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

vPvB: very Persistent and very Bioaccumulative

Corrosive to metals – Category 1: Corrosive to metals – Category 1

Acute toxicity - oral – Category 4: Acute toxicity – Category 4

Acute toxicity - inhalation – Category 3: Acute toxicity – Category 3

Skin corrosion/irritation – Category 1B: Skin corrosion/irritation – Category 1B

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

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

Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A

Carcinogenicity – Category 2: Carcinogenicity – Category 2

· * Data compared to the previous version altered.

· 0-011-684-0 RM 841/7-1 2-783

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