

**Safety Data Sheet**  
according to WHS Regulations

Printing date 18.06.2021

Version number 3

Revision: 10.05.2021

**1 Identification**

- **Product identifier**
- **Trade name:** Stone and Paving Cleaner 3in1 RM 611
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** High pressure 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:** [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).

(Contd. on page 2)

AU

**Safety Data Sheet**  
according to WHS Regulations

Printing date 18.06.2021

Version number 3

Revision: 10.05.2021

**Trade name: Stone and Paving Cleaner 3in1 RM 611**

(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.

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- **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:** Cleaning agent

- **Dangerous components:**

68515-73-1	alkyl polyglucoside
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Eye Dam. 1, H318

≥1-&lt;3%

- **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** 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**

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.

(Contd. on page 3)

**Safety Data Sheet**  
according to WHS Regulations

Printing date 18.06.2021

Version number 3

Revision: 10.05.2021

**Trade name: Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 2)

- **Special hazards arising from the substance or mixture** No further relevant information available.
- **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 18.06.2021

Version number 3

Revision: 10.05.2021

Trade name: **Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 3)

- **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.
- **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**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

### 9 Physical and Chemical Properties

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

##### · General Information

##### · Appearance:

Form:	Fluid
Colour:	Whitish
Odour:	flowery
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.

· Ignition temperature: not applicable

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

(Contd. on page 5)

AU

**Safety Data Sheet**  
according to WHS Regulations

Printing date 18.06.2021

Version number 3

Revision: 10.05.2021

Trade name: **Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 4)

· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	1.01 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>	
dynamic at 20 °C:	540 mPas
kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	0.9 %
VOC (EC)	0.49 %
Solids content:	4.1 %
· <b>Other information</b>	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

AU

(Contd. on page 6)

## Safety Data Sheet according to WHS Regulations

Printing date 18.06.2021

Version number 3

Revision: 10.05.2021

Trade name: **Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 5)

### 11 Toxicological Information

#### Information on toxicological effects

#### 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.

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological Information

#### Toxicity

#### Aquatic toxicity:

68515-73-1 alkyl polyglucoside

LC50/96 h 126 mg/l (fish)

EC50/48 h >100 mg/l (Daphnia magna)

#### 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:

#### COD-value: 90000 mg/l

#### 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 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.

(Contd. on page 7)

AU



**Safety Data Sheet**  
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Version number 3

Revision: 10.05.2021

**Trade name: Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 6)

- **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:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.  
Non contaminated packagings may be recycled.
- **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
· <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.

(Contd. on page 8)

AU

**Safety Data Sheet**  
according to WHS Regulations

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Version number 3

Revision: 10.05.2021

**Trade name: Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 7)

**Australian Inventory of Industrial Chemicals**

7732-18-5	water
9004-32-4	sodium carboxymethylcellulose
56-81-5	glycerol
34590-94-8	Dipropylene glycol monomethyl ether
68439-57-6	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
110-44-1	hexa-2,4-dienoic acid
112-05-0	nonanoic acid
8015-86-9	carnauba wax
6132-04-3	trisodium citrate, dihydrate
11138-66-2	Xanthan
1310-73-2	sodium hydroxide
77-92-9	citric acid
84-66-2	diethyl phthalate
1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran
54464-57-2	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone
60-12-8	Phenethyl alcohol
2634-33-5	1,2-benzisothiazol-3(2H)-one
103-45-7	phenethyl acetate
140-11-4	benzyl acetate
115-95-7	linalyl acetate
121-33-5	vanillin
78-70-6	Linalool
98-55-5	alpha-Terpineol
106-24-1	Geraniol
106-25-2	Nerol
1335-46-2	Methyl ionone (mixture of isomers)
127-51-5	alpha-iso-Methylionone
5989-27-5	(R)-p-mentha-1,8-diene
111-80-8	methyl 2-nonynoate

**Standard for the Uniform Scheduling of Medicines and Poisons**

112-05-0	nonanoic acid	S5
1310-73-2	sodium hydroxide	S5, S6, S10
122-99-6	2-Phenoxyethanol	S6
84-66-2	diethyl phthalate	S10

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

AU

(Contd. on page 9)



**Safety Data Sheet**  
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Printing date 18.06.2021

Version number 3

Revision: 10.05.2021

**Trade name: Stone and Paving Cleaner 3in1 RM 611**

(Contd. of page 8)

**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**

H318 Causes serious eye damage.

**· Department issuing SDS: CSD-D****· Contact:**

Department CSD-D

Tel.: +49-7195-14-2548

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)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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

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

· 0-011-284-0

RM 611/7

2-410

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