

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name: Universal Cleaner, surfactant-free RM 770****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture** All purpose cleaner**1.3 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 Ltd**

Unit 3

Redcow Retail Centre

Robinhood Road, Ballymount

Dublin 22

D22 PY03

Tel.: +353 1 409 7777

Internet: [www.karcher.com](http://www.karcher.com)**Further information obtainable from:**

Regulatory Affairs

Tel.: +49-7195-14-0

[productsafety.management.de@karcher.com](mailto:productsafety.management.de@karcher.com)**1.4 Emergency telephone number:**

Emergency medical information: 8am-10pm (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland.

Telephone Number: +353 (0)1 809 2166

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)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void

(Contd. on page 2)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770**

*(Contd. of page 1)*

- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
Safety data sheet available on request.

- 
- **2.3 Other hazards**
  - **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable
  - **vPvB:** Not applicable
  - **Determination of endocrine-disrupting properties** Not applicable

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Cleaning agent

· **Dangerous components:**

|                                 |                              |                      |      |
|---------------------------------|------------------------------|----------------------|------|
| CAS: 7320-34-5                  | tetrapotassium pyrophosphate | ☠ Eye Irrit. 2, H319 | 1-5% |
| EINECS: 230-785-7               |                              |                      |      |
| Reg.nr.: 01- 2119489369-18-xxxx |                              |                      |      |

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

|            |            |
|------------|------------|
| phosphates | ≥15 - <30% |
|------------|------------|

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

### SECTION 4: First aid measures

- **4.1 Description of 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.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

*(Contd. on page 3)*

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770***(Contd. of page 2)*

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required
- **6.2 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.
- **6.3 Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- **6.4 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.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 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.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 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.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.

*(Contd. on page 4)*

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770**

*(Contd. of page 3)*

- **Individual protection measures, such as 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.
- **Hand protection** Not required
- **Material of gloves** Not required
- **Penetration time of glove material** Not required
- **Eye/face protection** Not required

### SECTION 9: Physical and chemical properties

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

##### · General Information

|  |                         |
|--|-------------------------|
| · Physical state   | Liquid                  |
| · Colour:  | Colourless              |
| · Odour:   | Odourless               |
| · Odour threshold:   | Not determined          |
| · Melting point/freezing point:                            | -2 °C                   |
| · Boiling point or initial boiling point and boiling range | undetermined            |
| · Flammability   | Not applicable          |
| · Lower and upper explosion limit                          |                         |
| · Lower:   | Not determined          |
| · Upper:   | Not determined          |
| · Flash point:   | Not applicable          |
| · Auto-ignition temperature:                               | not applicable          |
| · Decomposition temperature:                               | Not determined          |
| · pH at 20 °C  | 8.7                     |
| · pH-value 1 %:  | 7-8                     |
| · Viscosity:   |                         |
| · Kinematic viscosity                                      | Not determined          |
| · dynamic at 20 °C:  | 3 mPas                  |
| · Solubility   |                         |
| · Water:   | Fully miscible          |
| · Partition coefficient n-octanol/water (log value)        | Not determined          |
| · Vapour pressure:   | Not determined          |
| · Density and/or relative density                          |                         |
| · Density at 20 °C:  | 1.143 g/cm <sup>3</sup> |
| · Relative density   | Not determined          |
| · Vapour density   | Not determined          |
| · Relative gas density                                     | Not determined          |
| · Particle characteristics                                 | Not applicable          |

#### · 9.2 Other information

|  |                              |
|--|------------------------------|
| · <b>Appearance:</b>   |                              |
| · <b>Form:</b>   | Fluid                        |
| · <b>Important information on protection of health and environment, and on safety.</b> |                              |
| · <b>Ignition temperature:</b>   | Product is not selfigniting. |

*(Contd. on page 5)*

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770**

*(Contd. of page 4)*

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>· <b>Explosive properties:</b></li> <li>· <b>Change in condition</b></li> <li>· <b>Evaporation rate</b></li> </ul> | <p>Product does not present an explosion hazard.</p> <p>Not determined</p> |
|---|--|

· **Information with regard to physical hazard classes**

- |  |      |
|--|------|
| · <b>Explosives</b>  | Void |
| · <b>Flammable gases</b>                                     | Void |
| · <b>Aerosols</b>  | Void |
| · <b>Oxidising gases</b>                                     | Void |
| · <b>Gases under pressure</b>                                | Void |
| · <b>Flammable liquids</b>                                   | Void |
| · <b>Flammable solids</b>                                    | Void |
| · <b>Self-reactive substances and mixtures</b>               | Void |
| · <b>Pyrophoric liquids</b>                                  | Void |
| · <b>Pyrophoric solids</b>                                   | Void |
| · <b>Self-heating substances and mixtures</b>                | Void |
| · <b>Substances and mixtures, which emit flammable gases</b> |      |
| in contact with water  | Void |
| · <b>Oxidising liquids</b>                                   | Void |
| · <b>Oxidising solids</b>                                    | Void |
| · <b>Organic peroxides</b>                                   | Void |
| · <b>Corrosive to metals</b>                                 | Void |
| · <b>Desensitised explosives</b>                             | Void |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** corresponds to 10.3
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **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.

*(Contd. on page 6)*

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770**

*(Contd. of page 5)*

- **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.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**7758-29-4 pentasodium triphosphate**

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

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **COD-value:** 41.000 mg/l

· **General notes:**

The product does not contain organic complexing agents.

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.

### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

*(Contd. on page 7)*

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770**

*(Contd. of page 6)*

Must be specially treated adhering to official regulations.

· **European waste catalogue**

|          |   |
|----------|---|
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
|----------|---|

· **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.

### SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADR, IMDG, IATA** Void

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

· **14.4 Packing group**

· **ADR, IMDG, IATA** Void

· **14.5 Environmental hazards:** Not applicable

· **14.6 Special precautions for user** Not applicable

· **14.7 Maritime transport in bulk according to IMO instruments** Not applicable

· **UN "Model Regulation":** Void

### SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations**

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

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

IE  
*(Contd. on page 8)*

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 31.01.2026

Version number 7 (replaces version 6)

Revision: 12.04.2024

**Trade name: Universal Cleaner, surfactant-free RM 770**

(Contd. of page 7)

**SECTION 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**

H319 Causes serious eye irritation.

**· Contact:**

Regulatory Affairs

Tel.: +49-7195-14-0

productsafety.management.de@karcher.com

**· Version number of previous version: 6****· 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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

· 0-011-976-0 RM 770/3 2-725