

Safety data sheet

according to Regulation (EC) No 1907/2006



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Compilation date: 15.11.2017
Revision date: 18.12.2017

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

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1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Basic cleaner and cement film remover for professional users

1.3 Details of the supplier of the safety data sheet

Company name: Arcora International GmbH
Street: Marsstraße 9
Place: 85609 Aschheim by Munich
Germany
Tel: +49 (0)89 / 14 33 29 3-0
Fax: +49 (0)89 / 14 33 29 3-29
E-Mail: info@arcora.de

1.4 Emergency telephone number + 49 (0) 89 / 14 33 29 3-10

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under (EC) No. 1272/2008 [CLP]

Hazard categories:

Skin Corr. 1B: H314

Hazard statement:

Causes severe skin burns and eye damage.

2.2 Label elements

Hazard components for labelling:

phosphoric acid

Signal word: Danger

Pictograms: GHS05



Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/eye protection.

P301+330+331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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- P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
- P305+351+338 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 or doctor.

2.3 Other hazards

This substance is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients

EINECS	Chemical name	Quantity
CAS-No.	Classification according to Directive 67/548/EWG	
Index-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH-No.		
231-633-2	Phosphoric acid	> 15%
7664-38-2		
	Skin Corr. 1B: H314	
	Fatty alcohol ethoxylate	1 - 5%
68439-50-9		
	Acute Tox. 4: H302; Eye Dam. 1: H318	
201-069-1	Citric acid	1 - 5%
77-92-9		
	Eye Irrit. 2: H319	

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No. 648/2004

< 5 % non-ionic surfactants, contains fragrances, alpha-isomethyl ionone.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Move affected person into fresh air. In case of respiratory tract irritation, consult a physician.

After skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

After eye contact

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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After ingestion

Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Do not induce vomiting. Transfer to hospital as soon as possible.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Skin contact

Severe burns may occur.

Eye contact

Corneal burns may occur. May cause permanent damage.

Ingestion

Corrosive burns may appear around the lips. Nausea and stomach pain may occur.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray.
Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the substance or mixture

Exposure risk

Corrosive. In combustion emits toxic fumes.

5.3 Advice for firefighters

Special protective equipment

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not attempt to take action without suitable protective clothing - see section 8 of SDS. If outside keep bystanders upwind and away from danger point.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

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mm. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection

Respiratory protection not required.

Skin protection

Wear acid-proof protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid
Colour: red
Odour: perfumes

Test method

pH-value (at 20 °C): < 1
Evaporation rate: slow

Oxidizing properties

Not oxidising.

Relative density: 1,16 g/ml
Water solubility: miscible
Viscosity: non viscous

9.2. Other information

Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions..

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

No hazardous decomposition products if stored and handled as prescribed.

10.5 Incompatible materials

Bases.

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10.6 Hazardous decomposition products

After contact with alkali (lye) development of heat.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS-No.	Chemical name				
	Route of exposure	Method	Dose	Species	Source
231-633-2	Phosphoric acid:				
	oral	LD50	2600 mg/kg	Rat	

Symptoms / routes of exposure

Inhalation

There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Skin contact

Severe burns may occur.

Eye contact

Corneal burns may occur. May cause permanent damage.

Ingestion

Corrosive burns may appear around the lips. Nausea and stomach pain may occur.

Delayed occurring effects

Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological information

12.1. Toxicity

Eco toxicity

CAS-No.	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
231-633-2	Phosphoric acid					
	Acute fish toxicity	LC50	98-106 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No data available.

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12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6. Other adverse effects

The product has not been tested. Data apply to the components with the highest toxicological risk.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations

Dispose of waste according to applicable local, state and federal regulations.

Waste disposal number of waste from residues/unused products

060104 Phosphoric acid and phosphorous acid

Disposal of packaging

May be reused following decontamination.

Note

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

14.1 UN-number UN 1805

14.2 UN proper shipping name

Phosphoric acid, solution

14.3 Transport hazard class(es)

8

14.4 Packing group

III

Limited quantity: 5 L

Tunnel code: E

Transport category: 3

14.5 Environmental hazards

No data available.

14.6 Special precautions for user

Environmentally hazardous no

Marine pollutant: no

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product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.