

Trade name: ecosoIENTKALKER

Date revised: 23.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 30.05.07

01. Identification of the substance/preparation and company

Trade name**ecosoIENTKALKER****Use**

Powerful, liquid descaler. For industrial application only.

Identification of the manufacturer / supplier

Address

Hagleitner Hygiene International GmbH

Lunastrasse 5

AT5700 Zell am See

Telephone no. +43 6542 72896

Fax no. +43 6542 74422

Information provided Department product safety

by / telephone

Emergency Anti Poison Center Vienna: +43 (0) 1 / 406 43 430

telephone number

02. Composition / information on ingredients

Declaration according to EC No. 648/2004:

30% and more:

phosphates

less than 5%:

non-ionic surfactants

Hazardous ingredients

Phosphoric acid ...%

CAS no. 7664-38-2

EINECS no. 231-633-2

Concentration >= 50 %

Classification C, R34

03. Hazards possibilities

Hazard symbols

C Corrosive

R phrases

34 Causes burns.

04. First aid measures

General information

Remove contaminated clothing immediately and dispose of safely. Remove affected person from danger area, lay him down.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with plenty of water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

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Personal protective equipment

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter B-P2

Hand protection

Gloves (acid-resistant)

Appropriate Material	neoprene		
Material thickness	0.5	mm	
Penetrating time	8	h	

Eye protection

Tightly fitting safety glasses

Skin protection

Acid-resistant protective clothing

09. Physical and chemical properties

Appearance

Form	Flakes
Colour	colourless
Odour	slight, product specific

Safety data

Flash point

Value	> 100	°C
Remarks	not applicable	

Boiling point

Value	appr. 100	°C
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Freezing point

Value	appr. 0.0	°C
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Fire promoting Properties

valuation	None known
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Explosion limits

Remarks	not applicable
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Density

Value	1,39	g/cm ³
temperature	20	°C

Solubility in water

Remarks	miscible in all proportions
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pH

Value	< 2,0	
temperature	20	°C
Value	appr. 3	
Concentration/H ₂ O	100	g/l
temperature	20	°C

10. Stability and reactivity

Conditions to avoid

Do not store at temperatures above 60 °C.

Materials to avoid

Corrosive to metals. Incompatible with alkaline substances .

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Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remarks

No decomposition if used as prescribed.

11. Toxicological information**Acute toxicity / further data****Acute oral toxicity**

> 2000 mg/kg

Irritant/corrosive effects**Irritant effect on skin**

valuation	corrosive
Source	calculated value

Irritant effect on eyes

valuation	corrosive
Source	calculated value

Sensitization

valuation	non-sensitizing
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12. Ecological information**Biodegradability**

valuation	Readily biodegradable (according to OECD criteria)
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Behaviour in sewers [waste treatment plants]

When low concentrations are discharged correctly into adapted biological sewage treatment plants, disturbance of the degradation activity of activated sludge is not likely.

General information / ecology

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.

13. Disposal considerations**Disposal recommendations for the product**

Can be disposed of together with household refuse in accordance with the regulations and after consultation with the disposal agency and the relevant authorities.

Disposal recommendations for packaging

Uncontaminated packaging may be taken for recycling.

14. Transport information**Land transport ADR/RID**

UN number	1805
Class	8
Packing group	III
Label	8
Technical name	PHOSPHORIC ACID SOLUTION

Marine transport IMDG/GGVSee

UN number	1805
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Class	8
Packing group	III
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Air transport ICAO/IATA

UN number	1805
Class	8
Packing group	III
Technical name	PHOSPHORIC ACID SOLUTION

15. Regulatory information**Labelling in accordance with EC directives**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

C	Corrosive
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Hazardous component(s) to be indicated on label

contains	Phosphoric acid ...%
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R phrases

34	Causes burns.
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S phrases

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

VOC (CH)

VOC (CH)	0,0	%
VOC (EU)	0,0	%

16. Other information**Other information**

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (*) in the left-hand margin.

R-phrases of the ingredients listed in chapter 2

34	Causes burns.
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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.