

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Polisher
Revision date : 31.07.2014
Print date : 17.07.2015

Version (Revision) : 4.0.0 (3.0.0)

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

1.1 Product identifier

Polisher

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

No information available.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Reuter GmbH & Co. KG

Street : Schimmelbuschstr. 9e

Postal code/city : D-40699 Erkrath

Telephone : +49 211 730 60 430

Telefax : +49 211 730 60 477

Email : mail@oreuter.de

1.4 Emergency telephone number

+49 171 54 50 200

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

PHOSPHORIC ACID 75 % ; CAS No. : 7664-38-2

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe fume/gas/mist/vapours/spray.

P264 Wash clothing thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin.

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P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

PHOSPHORIC ACID ; EC No. : 231-633-2; CAS No. : 7664-38-2

Weight fraction : $\geq 75 - < 80$ %

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Following inhalation

In case of inhaling spray mist, consult a doctor immediately and show him packing or label.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Excess water

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Use suitable breathing apparatus.

5.4 Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Provide adequate ventilation.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

None

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid: Eye contact Skin contact Inhalation of vapours or spray/mists When using do not eat, drink, smoke, sniff.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep/Store only in original container. Protect containers against damage. Protect against UV-radiation/sunlight

Hints on joint storage

Storage class : 8B

Storage class (TRGS 510) : 8B

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

PHOSPHORIC ACID ; CAS No. : 7664-38-2

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 2 mg/m³

Peak limitation : 2(I)

Remark : Y

Version : 01.09.2012

Limit value type (country of origin) : STEL (EC)

Limit value : 2 mg/m³

Version : 08.06.2000

Limit value type (country of origin) : TWA (EC)

Limit value : 1 mg/m³

Version : 08.06.2000

8.2 Exposure controls

Personal protection equipment General health and safety measures Wash hands before breaks and after work.

Respiratory protection Usually no personal respirative protection necessary. Hand protection Tested protective gloves must be worn Eye/face protection Eye glasses with side protection

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Initial boiling point and boiling range : (1013 hPa) > 120 °C

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Flash point : none
Vapour pressure : (50 °C) < 1000 hPa
Density : (20 °C) 1 - 2 g/cm³

9.2 Other information

None

SECTION 10: Stability and reactivity

Corrosive to metals.

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Irritating to eyes and skin.

Sensitisation

In case of inhalation

SECTION 12: Ecological information

12.1 Toxicity

After neutralisation, toxicity is no longer observed.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

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13.1 Waste treatment methods

Delivery to an approved waste disposal company.

Product/Packaging disposal

Completely emptied packages can be recycled.

SECTION 14: Transport information

14.1 UN number

UN 1805

14.2 UN proper shipping name

Land transport (ADR/RID)

PHOPHORIC ACID (SOLUTION)

Sea transport (IMDG)

PHOPHORIC ACID (SOLUTION)

Air transport (ICAO-TI / IATA-DGR)

PHOPHORIC ACID (SOLUTION)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 8
Classification code : C1
Hazard identification number (Kemler No.) : 80
Tunnel restriction code : E
Special provisions : LQ 7 · E 1
Hazard label(s) : 8

Sea transport (IMDG)

Class(es) : 8
EmS-No. : F-A / S-B
Special provisions : LQ 5 I · E 1 · Segregation Group 1 - Acids
Hazard label(s) : 8

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 8
Hazard label(s) : 8

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

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Betriebssicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 07. Hints on joint storage - Storage class

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H314 Causes severe skin burns and eye damage.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the 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.
