

Safety Data Sheet

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



Trade name : SUPERCLEANER
Revision date : 27.05.2011
Date of print : 31.03.2014

Version : 1.0.0

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Supercleaner

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

1.4 Emergency Telephone Number

+49 171 54 50 200

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Causes burns.

C ; R 34

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbols and hazard statements of dangerous substances and preparations



C ; Corrosive

Hazard components for labelling

PHOSPHORIC ACID 42 % ; CAS No. : 7664-38-2

R-phrases

34 Causes burns.

S-phrases

35 This material and its container must be disposed of in a safe way.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

24/25 Avoid contact with skin and eyes.

2.3 Other hazards

None

3. Composition/information on ingredients

3.2 Mixtures

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Hazardous ingredients

PHOSPHORIC ACID ; EC No : 231-633-2; CAS No. : 7664-38-2
Weight fraction : 40 - 45 %
Classification 67/548/EEC : C ; R34
Classification 1271/2008 [CLP] : Skin Corr. 1B ; H314

Additional information

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

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).

After 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

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.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

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6.4 Reference to other sections

None

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 storage assembly

Storage class : 8B

7.3 Specific end use(s)

None

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: respirable fraction

Limit value : 2 mg/m³

Peak limitation : 2(I)

Remark : Y

Version : 02.07.2009

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 protective 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

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Boiling temperature / boiling range (1013 hPa) > 120 °C

:

Flash point : none

Vapour pressure : (50 °C) < 1000 hPa

Density : (20 °C) 1 - 2 g/cm³

9.2 Other information

None

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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.

11. Toxicological information

11.1 Information on toxicological effects

Irritating to eyes and skin.

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 Further ecological information

None

13. Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company.

Product/Packaging disposal

Completely emptied packages can be recycled.

14. Transport information

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14.1 UN number

1805

14.2 UN proper shipping name

Land transport (ADR/RID)

PHOSPHORIC ACID (SOLUTION)

Sea transport (IMDG)

PHOSPHORIC ACID (SOLUTION)

Air transport (ICAO-TI / IATA-DGR)

PHOSPHORIC 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 | · E 1 · +
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

14.6 Special precautions for user

None

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

15.2 Chemical safety assessment

No information available.

16. Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

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None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

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

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

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

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

PHOSPHORIC ACID 42 % ; CAS No. : 7664-38-2

Hazard Statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P310 Immediately call a POISON CENTER or doctor/ physician.
P321 Specific treatment (see ... on this label).
P405 Store locked up.
P501 Dispose of contents/container to

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

H314 Causes severe skin burns and eye damage.
34 Causes burns.

16.6 Training advice

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.