

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Swirl Reiniger 3000_PN 21646

Print date: 10.11.2009

Revision date: 10.11.2009

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5. Fire-fighting measures

Suitable extinguishing media

Water fog. Water. Foam.

Extinguishing media which must not be used for safety reasons

none / none

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

material, rich in oxygen, oxidizing. With moisture, product develops an alkaline pH-value and can cause irritation.

Special protective equipment for fire-fighters

none / none

6. Accidental release measures

Personal precautions

Wear personal protection equipment. See protective measures under point 7 and 8.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Remove mechanically, placing in appropriate containers for disposal.

7. Handling and storage

Handling

Storage

Requirements for storage rooms and vessels

No special technical protective measures are necessary.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Storageclass (VCI) :

13

8. Exposure controls/personal protection

Exposure limit values

Exposure controls

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.

Hand protection

Only in case of touching with damp or wet hands: Protective gloves made out of nitril or butyl rubber of category III according to EN 374. For short term contact with tabs or ready-to-use dilutions no hand protection obligate.

Eye protection

Only in case of possible exposition (e.g.dust formation) obligate.
Suitable eye protection: Framed glasses. Tightly sealed safety glasses. EN 166

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9. Physical and chemical properties

General information

Physical state : Powder crystalline
Colour : white
Odour : odourless

Important health, safety and environmental information

pH-Value : 10,8 (10 %) Test method

Changes in the physical state

Flash point : not applicable
Water solubility : highly soluble.

10. Stability and reactivity

Hazardous decomposition products

Oxygen.

11. Toxicological information

Acute toxicity

Acute toxicity, oral LD50: calculated. mg/kg bw:1950 - 2000

Corrosive and irritant effects

irritant. Risk of serious damage to eyes.

Further information

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation were assessed by the manufacturer on the basis of the data available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

12. Ecological information

Persistence and degradability

not applicable. Product is inorganic.

Further information

The evaluation was carried out according to the calculation method of the Preparations Directive. On account of existing data on ecotoxicology the following can be deduced: No indication of bio-accumulation potential.

13. Disposal considerations

Advice on disposal

Consult the local waste disposal expert about waste disposal.
According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances
Classified as hazardous waste.

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Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Completely emptied packings can be re-cycled.
Waste disposal according to official state regulations.

14. Transport information

Other applicable information

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

Labelling

Danger symbols : Xn - Harmful



Xn - Harmful

Hazardous component(s) to be indicated on label

Sodiumcarbonate peroxohydrate

R phrases

22 Harmful if swallowed.
38 Irritating to skin.
41 Risk of serious damage to eyes.

S phrases

02 Keep out of the reach of children.
24 Avoid contact with skin.
25 Avoid contact with eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
46 If swallowed, seek medical advice immediately and show this container or label.

EU regulatory information

Additional information

> 30 % oxygen-based bleaching agents, phosphates

National regulatory information

Water contaminating class (D) : 1 - slightly water contaminating

16. Other information

Full text of R-phrases referred to under sections 2 and 3

08 Contact with combustible material may cause fire.
22 Harmful if swallowed.
36/37/38 Irritating to eyes, respiratory system and skin.
38 Irritating to skin.
41 Risk of serious damage to eyes.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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The receiver of our product is singularly responsible for adhering to existing laws and regulations. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.