



MATERIAL SAFETY DATA SHEET

Ingestion : doctor if irritation persists.
: Do not induce vomiting. Rinse the mouth, drink 1 glass of water at most. Do not give milk.
Consult a doctor immediately.

5 FIRE FIGHTING MEASURES

Extinguishing media
Suitable : CO2, foam, water fog or dry chemical.
Not suitable : None known
Special exposure hazards : None known
Hazardous thermal (de)composition products : Carbon monoxide may be evolved if incomplete combustion occurs.
Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. See also section 8.
Environmental precautions : Avoid release of product into sewers, surface water and/or ground water.
Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

7 HANDLING AND STORAGE

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas.
Avoid contact with eyes and skin. Do not breathe vapours.
Storage : Keep frost-free, in a cool (< 35°), dry and well-ventilated place.
Recommended packaging : Keep only in the original container.
Use : Use only as directed.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
Hygienic measures : Do not eat, drink or smoke during use.
Occupational exposure limits : Occupational exposure limits have not been established for this product.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use. See also under additional information.

Respiratory protection : Take care of sufficient ventilation. Wear a gas filter type A (brown), class I or higher or e.g. a facemask in accordance with EN 140, in case of large scale exposure

Hand protection : Under normal conditions of use specific gloves are not required. See also under additional information.

Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

Additional information:

Protective : In case of large scale exposure wear neoprene protective clothing, overalls or suit, and

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clothing : similar boots in accordance with EN 365/367 resp. 345.
Safety gloves : Wear neoprene gloves in case of frequent or prolonged use and in case of large scale exposure. Indication of permeation breakthrough time: not known

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid
Colour : Colourless, clear
Odour : Characteristic
pH : 12.8
Solubility in water : Soluble
in fat : Not known
Partition coefficient (n-octanol/water) : Not applicable
Flash point : Not applicable (PMcc)
Auto ignition temperature : Not applicable
Boiling point/ boiling range : $\pm 100^{\circ}\text{C}$
Melting point/ melting range : $\pm 0^{\circ}\text{C}$
Explosive properties : Not applicable
Oxidizing properties : Not applicable
Decomposition temperature : Not applicable
Viscosity (25°C) : Not known
Vapour pressure (20°C) : Not known
Relative density (20°C) : $\pm 1.0 \text{ kg/l}$
Evaporation rate : < 1 (n-butyl acetate = 1)

10 STABILITY AND REACTIVITY

Stability : Stable under normal conditions.
Conditions to avoid : See section 7.
Materials to avoid : Keep away from oxidizing substances.
Hazardous decomposition products : None known.

11 TOXICOLOGICAL INFORMATION

No toxicological research has been carried out on this product.
Inhalation : Stinging of respiratory airways possible when vapour concentrations exceed threshold limits.
Skin contact : Slight irritation possible. Prolonged contact may dry out and defat the skin.
Eye contact : Slight irritation possible.
Ingestion : Ingestion may cause vomiting, nausea and diarrhoea.

12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.
Ecotoxicity : No ecotoxicological information available.
Mobility : Spilled product can penetrate into the ground and get into the surface water and ground water.
Persistence – degradability : Data on the biodegradation of this product are not available. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.
Bio accumulative : No specific information known.

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potential

13 DISPOSAL CONSIDERATIONS

Product residues : Dispose empty pack with regular household waste. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.
Comment : Attention is drawn to the possible existence of mandatory and regulatory communal, national or local requirements governing disposal of waste.

14 TRANSPORT

UN number : None
Transport name : Not regulated.
Land - Road/Railway
ADR/RID class : This product is not classified according to ADR/RID.
Water
IMDG class : This product is not classified according to IMDG.
Marine pollutant : No
Air
IATA class : This product is not classified according to IATA.

15 REGULATORY INFORMATION

Community regulations : EC Classification (67/548/EEC - 99/45/EC) and other relevant regulations.
Hazard symbols : None.
R- and S-phrases : None.
Other information : S2 Keep out of reach of children.

Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (w/w) (%)
EDTA and salts thereof	< 5
Nonionic surfactants	< 5
Parfums, limonene	

16 OTHER INFORMATION

The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC dated 27 July 2001 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product.

This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 2:

R22 Harmful if swallowed.
R36 Irritating to eyes.
R41 Risk of serious damage to eyes.

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R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

History

Date of first issue : 26-09-2005