



**pH :** 12.0 - 12.5 (1% Solution)      **Solubility :** Soluble in water  
**Density :** 0.85g/cm<sup>3</sup>

## 10. STABILITY & REACTIVITY

Reacts with water and acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Corrosive - causes burns.  
**Skin :** Corrosive - causes burns.  
**Inhalation :** Corrosive. May cause pulmonary oedema.  
**Ingestion :** Corrosive. Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

## 12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542:  
More than 30% : Phosphates.  
Less than 5% : Nonionic surfactants.  
Less than 5% : Chlorine based bleaching agents.  
Harmful to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.  
The classification of the product is due to the component(s) listed in section 2 with an environmental classification (R50-R53).  
Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100mg/L.  
The information in this section refers to the undiluted product.

## 13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 1% w/v (10 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company. **European waste catalogue 20 01 15** Alkalines

## 14. TRANSPORT INFORMATION

**EEC Regulation :** C, CORROSIVE, Disodium Trioxosilicate, Mixture, UN3253, Hazchem 2X  
**IMDG/UN :** Disodium Trioxosilicate, Mixture, UN3253, Class 8, PG III  
**RID/ADR :** Class 8, Item 41(c)  
**ICAO/IATA :** Passenger Aircraft: 822, Y822  
Cargo Aircraft 823

## 15. REGULATORY INFORMATION

**Hazard symbol :** C, CORROSIVE, Contains Disodium Metasilicate  
**Risk phrases :** R34 Causes burns.  
R37 Irritating to respiratory system.  
R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.  
**Safety phrases :** S22 Do not breathe dust.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

## 16. OTHER INFORMATION

Handle and apply only as recommended, for full information see product information sheet.

Internal Reference:- MSDS3371(18-Jun-2002), KH.MW.Dt72-01(Aug-2001)

**Text of risk phrases associated with ingredients listed in section 2.**

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R36/37 Irritating to eyes and respiratory system.

R37 Irritating to respiratory system.

R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment..  
Changes to section 2, 3, 8, 10, 12, 13 and 15.