



## Prema RTU

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing Media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

#### Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

### 5.3. Advice for firefighters

#### Protective Measures In Fire

Use air-supplied respirator during fire fighting. Wear full protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up. Contain spillages with sand, earth or any suitable adsorbent material.

### 6.3. Methods and material for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from: Oxidising material.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

#### Respiratory Equipment

Respiratory protection not required.

#### Hand Protection

No specific hand protection noted, but gloves may still be advisable.

#### Eye Protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

#### Other Protection

Not relevant

#### Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Personal Protection

When using do not smoke

#### Skin Protection

Not relevant

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### **9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Colourless
Odour	Slight odour
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range:	100
Melting Point (°C)	0
Relative Density	1.000 20°C
pH-Value, Conc. Solution	10.5
Flash Point (°C)	Boils without flashing

### **9.2. Other information**

## SECTION 10: STABILITY AND REACTIVITY

### **10.1. Reactivity**

### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

### **10.3. Possibility of hazardous reactions**

### **10.4. Conditions to avoid**

Not relevant.

### **10.5. Incompatible materials**

Materials To Avoid

No incompatible groups noted.

### **10.6. Hazardous decomposition products**

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **11.1. Information on toxicological effects**

Inhalation

No specific health warnings noted.

Ingestion.

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin Contact

Slightly irritating.

Eye Contact

Irritating and may cause redness and pain.

Health Warnings

Because of quantity and composition, the health hazard is small.

Route of entry

Skin and/or eye contact.

Target Organs

Eyes Skin

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not expected to be hazardous to the environment.

### **12.1. Toxicity**

### **12.2. Persistence and degradability**

Degradability:

The product is biodegradable.

### **12.3. Bioaccumulative potential**

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### Bioaccumulative Potential:

The product is not bioaccumulating.

### 12.4. Mobility in soil

#### Mobility:

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

### 14.2 UN Proper shipping name

### 14.3 Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

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

#### Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I.2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

#### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I.2009 No. 716). Control of Substances Hazardous to Health.

#### Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

#### EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

#### National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

### 15.2. Chemical Safety Assessment

## SECTION 16: OTHER INFORMATION

SDS No.	10447
Safety Data Sheet Status	Approved.
Date	04.08.2011
Risk Phrases In Full	
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.