

## SAFETY DATA SHEET

Page 1 of 3

### GENIE

Revision 6  
Revision date 7-Feb-2007

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** GENIE  
**Company** Merlin Chemicals Ltd  
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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Troclosene sodium, dihydrate	1-10%	51580-86-0	220-767-7	Xn; R22 R31 Xi; R36/37 N; R50/53
Sodium carbonate	60-70%	497-19-8	207-838-8	Xi; R36
Sodium metasilicate pentahydrate	1-10%	6834-92-0	229-912-9	C;R34/41 Xi;R37

#### 3. HAZARDS IDENTIFICATION

**Main hazards** Irritating to eyes and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 4. FIRST AID MEASURES

**Skin contact** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Irritating to respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use extinguishing media appropriate to the surrounding fire conditions.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear: Self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**Environmental precautions** Do not allow product to enter drains.

**Clean up methods** Sweep up. Transfer to suitable, labelled containers for disposal.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Not normally required.
<b>Hand protection</b>	Rubber gloves.
<b>Eye protection</b>	Safety glasses.
<b>Protective equipment</b>	Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Environmental exposure controls</b>	Users should be aware of environmental considerations and their duties under the Environmental Protection Act.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Powder.
<b>Colour</b>	White.
<b>Odour</b>	Characteristic.
<b>pH</b>	10.5 - 11.5 (10% Solution)
<b>Water solubility</b>	soluble in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	Acids. Oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	The material is unlikely to cause any adverse effects in normal conditions of handling and use.
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

<b>ADR/RID</b>	Not classified as hazardous for transport.
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## 15. REGULATORY INFORMATION

<b>Symbols</b>	Xi - Irritant
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<b>Risk phrases</b>	R36/38 - Irritating to eyes and skin. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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<b>Safety phrases</b>	S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs. S25 - Avoid contact with eyes. S37/39 - Wear suitable gloves and eye/face protection. S46 - If swallowed, seek medical advice immediately and show this container or label.
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# GENIE

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Revision date 7-Feb-2007

## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 2</b>	R22 - Harmful if swallowed. R31 - Contact with acids liberates toxic gas. R36 - Irritating to eyes. 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.
<b>Further information</b>	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. This version replaces all previous versions.
<b>Revision</b>	This document differs from the previous version in the following areas: 8 - protective equipment.