

# SAFETY DATA SHEET

## CRUISER

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

<b>Product name</b>	CRUISER
<b>Company</b>	Merlin Chemicals Ltd Unit 5, Passfield Mill Business Park, Liphook, Hants. GU30 7RR. United Kingdom. technical@merlinchemicals.co.uk www.merlinchemicals.co.uk
<b>Telephone</b>	+44 (0)1428 751122
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<b>Emergency telephone number</b>	+44 (0)1428 751122

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Alkyl dimethyl amine oxide	1-10%	70592-80-2	274-687-2	Xi; R38-41 N; R50
Trisodium nitriloacetic acid	1-10%	5064-31-3		Xn; R22 Xi; R36/38
Sodium hydroxide	10-20%	1310-73-2	215-185-5	C; R35

### 3. HAZARDS IDENTIFICATION

<b>Main hazards</b>	Causes severe burns.
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### 4. FIRST AID MEASURES

<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Inhalation</b>	Irritating to respiratory system. Move the exposed person to fresh air. Seek medical attention.
<b>Ingestion</b>	Harmful if swallowed. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use extinguishing media appropriate to the surrounding fire conditions.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes.
<b>Protective equipment</b>	Wear: Self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
<b>Environmental precautions</b>	Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
<b>Clean up methods</b>	Contain with sand or granules.

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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. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Sodium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2
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<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear suitable respiratory equipment when necessary.
<b>Hand protection</b>	Rubber gloves.
<b>Eye protection</b>	Face shield.
<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>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic.
<b>pH</b>	>13
<b>Boiling point</b>	100°C
<b>Relative density</b>	1.120 - 1.130
<b>Water solubility</b>	soluble in water.
<b>Melting point</b>	0°C

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Ingestion causes burns to the respiratory tract.
<b>Sensitization</b>	May cause sensitisation by inhalation and skin contact.

## 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.
<b>Disposal of packaging</b>	Containers must be recycled in compliance with national legislation and environmental regulations.

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## 14. TRANSPORT INFORMATION

### ADR/RID

<p>UN 3266 Class 8 Proper Shipping Name CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S, (CONTAINS SODIUM HYDROXIDE).</p>	<p>Packing group II Hazard ID 80</p>
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### IMDG

<p>UN 3266 Class 8 EmS Code F-A S-B</p>	<p>Packing group II Marine pollutant .</p>
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### IATA

<p>UN 3266 Class 8 Packing Instruction 812 (Cargo) Packing Instruction 808 (Passenger)</p>	<p>Packing group II Subsidiary risk - Maximum quantity 30 L  Maximum quantity 1 L</p>
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## 15. REGULATORY INFORMATION

### Symbols

C - Corrosive



### Risk phrases

R35 - Causes severe burns.

### Safety phrases

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.  
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).  
S46 - If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

### Text of risk phrases in Section 2

R22 - Harmful if swallowed.  
R35 - Causes severe burns.  
R36/38 - Irritating to eyes and skin.  
R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.  
R50 - Very toxic to aquatic organisms.

### Further information

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.