

SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

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VALUE TFR

Revision 1
Revision date 16-Mar-2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name VALUE TFR
Company IAIN SEMPLE CHEMICALS
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Renfrewshire
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2 HAZARDS IDENTIFICATION.

Main hazards Irritating to eyes and skin.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Sodium hydroxide	1-10%	1310-73-2	215-185-5	C; R35
Chelating agent	1-10%	005064-31-3	225-768-6	Xn; R22 Xi; R36
Nonionic surfactant	1-10%	68131-39-5		Xn; R22 Xi; R41 N; R50

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Ingestion Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
Fire hazards Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

Environmental precautions Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water.

Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling Wear suitable protective equipment.

Storage Keep container tightly closed and in a well-ventilated place.
Keep out of the reach of children.
Store in correctly labelled containers.

Suitable packaging Plastic containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2

Hand protection Chemical resistant gloves (plastic)

Eye protection In case of splashing, wear: Eye protection. Provide eye wash station.

Protective equipment Wash all contaminated clothing before reuse. Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Red.
Odour	Characteristic.
pH	13.1
Relative density	1.055

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Materials to avoid Strong acids.

Hazardous decomposition products Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity No known adverse health effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data is available on this product.

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

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14. TRANSPORT INFORMATION

ADR/RID

UN 3266	Packing group III
Class 8	Hazard ID 80
Proper Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S, .

IMDG

UN 3266	Packing group III
Class 8	Marine pollutant .
EmS Code	F-A S-B

IATA

UN 3266	Packing group III
Class 8	Subsidiary risk -
Packing Instruction (Cargo)	820
Packing Instruction (Passenger)	818
	Maximum quantity 60 L
	Maximum quantity 5 L

15. REGULATORY INFORMATION

Symbols

Xi - Irritant



Risk phrases

R36/38 - Irritating to eyes and skin.

Safety phrases

S24/25 - Avoid contact with skin and 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 soap and water.

16. OTHER INFORMATION

Text of risk phrases in Section 3.

R22 - Harmful if swallowed.
 R35 - Causes severe burns.
 R36 - Irritating to eyes.
 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.

Revision

This document differs from the previous version in the following areas:
 16 - further information.
 4 - ingestion.