

SAFETY DATA SHEET

AQUASTRIP 1330P

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME AQUASTRIP 1330P
 PRODUCT NO. 13300D
 SUPPLIER BLT Circuit Services Limited
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2 HAZARDS IDENTIFICATION

Causes burns. Irritating to respiratory system. Harmful by inhalation, in contact with skin and if swallowed. May cause sensitisation by inhalation and skin contact.

CLASSIFICATION Xn;R20/21/22. R42/43. C;R34. Xi;R37.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-AMINOETHANOL	205-483-3	141-43-5	30-60%	C;R34 Xn;R20/21/22
ETHYLENEDIAMINE	203-468-6	107-15-3	1-5%	R10 C;R34 Xn;R21/22 R42/43
ETHYLENEDIAMINETETRA ACETIC ACID TETRASODIUM SALT		64-02-8	1-5%	Xi;R36/38.
PROPAN-2-OL	200-661-7		1-5%	Xi;R36. F;R11.
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35
TETRAMETHYL AMMONIUM HYDROXIDE		75-59-2	1-5%	C;R34.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Important to remove the substance from the skin immediately. Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

DO NOT TOUCH SPILLED MATERIAL! Wear necessary protective equipment. Neutralise small amounts with diluted hydrochloric acid (HCl) and flush to sewer with large amounts of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

AQUASTRIP 1330P

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
2-AMINOETHANOL	WEL	1 ppm(Sk)	2.5 mg/m3(Sk)	3 ppm(Sk)	7.6 mg/m3(Sk)
ETHYLENEDIAMINE	WEL	10 ppm	25 mg/m3		
SODIUM HYDROXIDE	WEL				2 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. Must not be handled in confined space without sufficient ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Liquid		
COLOUR	Yellow white		
ODOUR	Ammonia		
SOLUBILITY	Completely soluble in water		
RELATIVE DENSITY	1.05 @ 20 °c	pH-VALUE, CONC. SOLUTION	>13

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions. SHELF LIFE 12 MONTHS

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Ammonia or amines.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system.
SKIN CONTACT. Causes burns. **EYE CONTACT.** Causes burns. **INGESTION.** May cause stomach pain or vomiting. May cause internal injury.

12 ECOLOGICAL INFORMATION

AQUASTRIP 1330P

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. **TOXIC TO FISH AND MARINE LIFE**

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, BASIC, ORGANIC, NOS (Contains Ethanolamine and Tetra Methyl Ammonium Hydroxide)		
UN NO. ROAD	1760	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	56(b) PACKING GROUP 111
HAZARD NO. (ADR)	80 Corrosive or slightly corrosive substance.		80
ADR LABEL NO.	8	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	80G20	RID CLASS NO.	8
RID PACK GROUP	56(b)	UN NO. SEA	3267
IMDG CLASS	8	IMDG PAGE NO.	8147-1
IMDG PACK GR.	II	EMS	8-15
UN NO. AIR	3267	AIR CLASS	8
AIR PACK GR.	II		

15 REGULATORY INFORMATION

LABELLING



Corrosive



Harmful

CONTAINS

2-AMINOETHANOL
ETHYLENEDIAMINE

RISK PHRASES

R34	Causes burns.
R37	Irritating to respiratory system.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R42/43	May cause sensitisation by inhalation and skin contact.

SAFETY PHRASES

S23	Do not breathe vapour/spray.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S60	This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

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REVISION DATE FEB 2008

REV. NO./REPL. SDS GENERATED 5

SDS NO. 1330/16/5

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R42/43	May cause sensitisation by inhalation and skin contact.