

## SAFETY DATA SHEET

### AQUASTRIP 1310

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

PRODUCT NAME                    AQUASTRIP 1310  
 PRODUCT NO.                    13100D  
 SUPPLIER                        BLT Circuit Services Limited  
                                       Brome Industrial Estate  
                                       Brome, Eye  
                                       Suffolk. IP23 7HN  
                                       01379 870870  
                                       01379 870970

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-AMINOETHANOL	205-483-3	141-43-5	5-10%	Xn;R20 Xi;R36/37/38
ETHYLENEDIAMINETETRA ACETIC ACID TETRASODIUM SALT		64-02-8	1-5%	Xi;R36/38.
POTASSIUM HYDROXIDE	215-181-3	1310-58-3	10-30%	C;R35 Xn;R22
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35

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

#### 3 HAZARDS IDENTIFICATION

Harmful if swallowed. Causes severe burns.

CLASSIFICATION                    Xn;R22. C;R35.

#### 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

##### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### AQUASTRIP 1310

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
POTASSIUM HYDROXIDE	OES				2 mg/m3
2-AMINOETHANOL	OES	3 ppm	7.6 mg/m3	6 ppm	15 mg/m3
SODIUM HYDROXIDE	OES				2 mg/m3

**INGREDIENT COMMENTS**

OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational 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	Liquid		
COLOUR	Water-white		
ODOUR	Amine.		
SOLUBILITY	Completely soluble in water		
BOILING POINT (°C)	100	RELATIVE DENSITY	1.25 @ 20 °c
pH-VALUE, CONC. SOLUTION	>13	FLASH POINT (°C)	NONE

#### 10 STABILITY AND REACTIVITY

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid contact with acids and oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

#### 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

**ECOTOXICITY**

No negative effects on the aquatic environment are known.

#### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

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

## AQUASTRIP 1310

### 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, NOS (Contains Potassium hydroxide and Ethanolamine)		
UN NO. ROAD	1760	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	PACKING GROUP II
HAZARD No. (ADR)	80	ADR LABEL NO.	8
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	80G20
RID CLASS NO.	8	RID PACK GROUP	66(c)
UN NO. SEA	1760	IMDG CLASS	8
IMDG PAGE NO.	8147	IMDG PACK GR.	II
EMS	8-15	MFAG	760 + Sub Sec. 4.3
UN NO. AIR	1760	ICAO CLASS	8

### 15 REGULATORY INFORMATION

**LABELLING**



Corrosive



Harmful

**CONTAINS**

POTASSIUM HYDROXIDE

**RISK PHRASES**

R22	Harmful if swallowed.
R35	Causes severe burns.

**SAFETY PHRASES**

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27	Take off immediately all contaminated clothing.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S24/25	Avoid contact with skin and eyes.
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

REVISION DATE	FEB 2005
REV. NO./REPL. SDS GENERATED	4
SDS NO.	1310/16/4

**RISK PHRASES IN FULL**

R20	Harmful by inhalation.
R22	Harmful if swallowed.
R35	Causes severe burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and skin.