

SAFETY DATA SHEET

AQUASTRIP 1355

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

PRODUCT NAME: AQUASTRIP 1355

PART No.: 1355OD

SUPPLIER: BLT Circuit Services Limited
Brome Industrial Estate
Brome, Eye
Suffolk. IP23 7HN

TELEPHONE: 01379 870870

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2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	EINECS	CAS No.:	CONTENT	SYMBOL	RISK:
2-AMINOETHANOL	205-483-3	141-43-5	10-30 %	Xn	20, 36/37/38
2-HYDROXYETHYL TRIMETHYL AMMONIUM H- YDROXIDE		123-41-1	1-5 %	F,T	11, 23/24/25, 34, 39/23/24/25
METHANOL	200-659-6	67-56-1	1-5 %	F,T	11, 23/24/25, 39/23/24/25
TETRAMETHYL AMMONIUM HYDROXIDE		75-59-2	1-5 %	C	34

The full text for all R-phrases are shown in section 16

3. HAZARDS IDENTIFICATION:

Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.
Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

4. FIRST AID MEASURES:

GENERAL: 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 personnel to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN: 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.

EYES: 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 material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

DO NOT TOUCH SPILLED MATERIAL! Wear necessary protective equipment. Neutralize small amounts with diluted hydrochloric acid (HCl) and flush to sewer with large amounts of water. Larger spill: 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 AND PERSONAL PROTECTION:

INGREDIENT NAME:

2-AMINOETHANOL
METHANOL

CAS No.:

141-43-5
67-56-1

STD:

OES
OES

LT EXP. 8 HRS:

3 ppm
200 ppm(Sk)

ST EXP. 15 MIN:

6 ppm
250 ppm(Sk)

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:

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

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Use approved safety goggles or face shield.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK PRACTICES:

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. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Clear. Liquid.
COLOUR:	Water-white.
ODOUR/TASTE:	Ammonia.
SOLUBILITY DESCRIPTION:	Very soluble in water.
DENSITY/SPECIFIC GRAVITY (g/ml):	1.05
pH-VALUE, CONC. SOLUTION:	>13
	TEMPERATURE (°C): 20

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable.

CONDITIONS TO AVOID:
Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMP. 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:

ECOLOGICAL INFORMATION:
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 in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:



ROAD TRANSPORT:	
UN No. ROAD:	1760
ADR CLASS No.:	Class 8: Corrosive substances.
ADR CLASS:	8
ADR ITEM No.:	56(b) PACKING GROUP 111
HAZARD No. (ADR)	80 Corrosive or slightly corrosive substance.
HAZARD No. (ADR)	80
ADR MARGINAL:	2801
ADR LABEL No.:	8

HAZCHEM CODE: 2X
 CEFIC TEC(R) No.: 80G20
 PROPER SHIPPING NAME I: CORROSIVE LIQUID, BASIC, ORGANIC, NOS (Contains Ethanolamine and Tetra Methyl Ammonium Hydroxide)

RAIL TRANSPORT:
 RID CLASS No.: 8
 RID ITEM No.: 56(b)

SEA TRANSPORT:
 UN No. SEA: 3267
 IMDG CLASS: 8
 IMDG PAGE No.: 8147-1
 IMDG PACK GR.: II
 EmS No.: 8-15
 MFAG TABLE No.: 760

AIR TRANSPORT:
 UN No., AIR: 3267
 ICAO CLASS: 8
 AIR PACK GR.: II

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 R-36/37/38 Irritating to eyes, respiratory system and skin.
 R-68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

SAFETY PHRASES: P-14 Contains ETHYLENEDIAMINE. May produce an allergic reaction.
 S-24/25 Avoid contact with skin and eyes.
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S-36/37 Wear suitable protective clothing and gloves.
 S-60 This material and its container must be disposed of as hazardous waste.

16. OTHER INFORMATION:

REVISION DATE: OCT 2002

REV. No./REPL. SDS GENERATED: 2

SDS No.: 1355/16/2
 R-PHRASES (Full Text) R-11 Highly flammable.
 R-20 Harmful by inhalation.
 R-34 Causes burns.
 R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
 R-36/37/38 Irritating to eyes, respiratory system and skin.
 R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

THIS SDS IS PRODUCED WITH SAFECHEM for WINDOWS