

SAFETY DATA SHEET

Page 1 of 4

ACCEPTA 2338

Revision 6
Revision date 26-Oct-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name **ACCEPTA 2338**

Description **Aqueous solution of sodium hydroxide and polymer.**

Company **Accepta Limited**
Statham House
Talbot Road
Manchester
M32 0FP
United Kingdom
info@accepta.com
www.accepta.com

Telephone Fax **+44 (0)161 877 2334**

Emergency telephone number **+44 (0)870 135 6389**
+44 (0)161 877 2334

Intended use **Alkalinity Builder.**

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Sodium hydroxide	25 - 35%	1310-73-2	215-185-5	C; R35

3. HAZARDS IDENTIFICATION

Main hazards **Causes severe burns.**

4. FIRST AID MEASURES

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.

Inhalation Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion causes burns to the respiratory tract. **DO NOT INDUCE VOMITING.** If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO₂), dry chemical, foam.

Fire hazards Corrosive. Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

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

Engineering measures Ensure adequate ventilation of the working area.

Respiratory protection Not normally required.

Hand protection Chemical resistant gloves (PVC)

Eye protection Approved safety goggles.

Protective equipment Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Aqueous solution.

Colour Clear.

Odour Slight.

pH >13

Relative density 1.36

Water solubility soluble in water.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to avoid Contact with strong acids will produce an exothermic reaction. Do NOT allow to freeze.

Materials to avoid Aluminium.

Hazardous decomposition products Attacks many metals with the liberation of hydrogen gas, which is flammable and may form an explosive mixture with air.

11. TOXICOLOGICAL INFORMATION**Toxicological information**

CORROBAN 30

Oral Rat LD50 = 655mg/kg

Dermal Rabbit LD50 = 650mg/kg

Corrosivity Causes burns.

12. ECOLOGICAL INFORMATION

Ecotoxicity High concentrations will injure aquatic life by pH effect.

Bioaccumulation Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal methods	Contact a licensed waste disposal company.
Disposal of packaging	Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION**ADR/RID**

UN 3266 Class 8	Packing group II Hazard ID 80
Proper Shipping CORROSIVE LIQUID, BASIC, Name INORGANIC, N.O.S, (Contains Sodium hydroxide).	


IMDG

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

UN 3266 Class 8	Packing group II Subsidiary risk -
Packing Instruction 812 (Cargo)	Maximum quantity 30 L
Packing Instruction 808 (Passenger)	Maximum quantity 1 L

15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	C - Corrosive 
Risk phrases	R35 - Causes severe burns.
Safety phrases	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).

16. OTHER INFORMATION

Text of risk phrases in R35 - Causes severe burns.

Section 2**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:

- 1 - description.
- 1 - description.
- 10 - hazardous decomposition products.
- 8 - respiratory protection.