

**SAFETY DATA SHEET**

PRODUCT NAME: **Accepta 2307**

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

Chemical Identity Aqueous solution of sodium hydroxide and polymer  
 Recommended use: Alkalinity Builder

Supplier Accepta Limited  
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**2. COMPOSITION/INFORMATION ON INGREDIENTS CONTRIBUTING TO HAZARD CLASSIFICATION AND/OR HAVE COMMUNITY WORKPLACE EXPOSURE LIMITS**

	CAS No	Contents	Health (class)	Risk(R)
Product contains: Sodium Hydroxide	1310-73-2	30-35%	C	35

**3. HAZARD IDENTIFICATION OF PREPARATION**

Symbol(s) C Risk Phrase(s) R35  
 Causes severe burns to skin, eyes and mucous membrane

**4. FIRST AID MEASURE**

General Instructions: In all cases of doubt, or when symptoms persist, seek more advice. Remove from exposure, rest and keep warm. Seek medical attention, treat symptomatically.

Skin Contact: Drench affected area with plenty of water, remove contaminated clothing immediately seek medical attention.

Eye Contact: Irrigate the eyes thoroughly with water for at least 15 minutes, holding the eyelids apart if necessary. Obtain medical attention.

Ingestion: Wash out mouth with water and give plenty of water to drink. DO NOT induce vomiting. Obtain medical attention.

**5. FIRE FIGHTING MEASURE**

Extinguishing Media Use fog equipment in the absence of fog equipment use fire water spray  
 Unsuitable Extinguishing Media None

Hazardous Combustion Products Contact with certain metals liberates highly flammable hydrogen gas which may generate toxic and explosive fumes on a fire

Special equipment for fire fighting Fire fighters should wear self contained breathing apparatus and full protective clothing

**6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions Avoid contact with the product. Ventilate the area to dispel airborne concentrations  
 Environmental Precautions Do not allow to enter water course  
 Clean up Procedure Small quantities: Dilute with plenty of water and wash to sewer. Large quantities: Dilute with plenty of water and cautiously neutralise with weak acid and wash to sewer.

**7. HANDLING AND STORAGE**

Handling Exposure by inhalation or skin contact should be minimised by good industrial hygiene practice  
 Storage Store in a well ventilated area away from incompatible chemicals or materials. Avoid storage of low temperatures

**8. EXPOSURE CONTROLS**

Exposure Limit For sodium hydroxide 2mg/m<sup>3</sup> Type 15min STEL

**Protective Measures**

Respiratory: In the event where significant exposure is possible wear self contained breathing apparatus  
 Hand: Wear suitable impervious gloves  
 Eye: Wear chemical goggles  
 Skin: Wear suitable overalls

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Colourless to pale straw coloured	Solubility in water
Odour	Slight	Solubility in other solvents
pH	>13	Partition coefficient and N-octanol/water
Boiling Point/Boiling Range	Not determined	
Melting Point/Melting Range	N/A	Other Data None
Flash Point	N/A	
Flammability	N/A	
Autoflammability	N/A	
Explosive Properties	N/A	
Oxidising Properties	N/A	
Vapour Pressure	Not determined	
Relative Density	1.36	

**10. STABILITY AND REACTIVITY**

Stability	The product as supplied is non flammable
Conditions to Avoid	Prevent freezing temperatures
Materials to Avoid	Avoid all acids
Hazardous Decompositions	May attack metals with the liberation of hydrogen gas which is highly flammable and may form an explosive mix with air

**11. TOXICOLOGICAL INFORMATION**

Acute effects: liquid and mist causes irritation and corrosion to skin, eyes and respiratory system

LD50 650mg/kg (rabbit). Acute oral (rat) LD50 655mg/kg

**12. ECOLOGICAL INFORMATION**

Environmental Effects	High concentration in receiving waters will injure aquatic life by the effect of pH
Bioaccumulative Potential	No evidence of bioaccumulation
Marine Pollutant	No

**13. DISPOSAL CONSIDERATIONS**

Product	In accordance with national waste regulations
Container	Wash empty drums thoroughly with water

**14. TRANSPORT INFORMATION**

LAND TRANSPORT

UN Class	8	Item Number	8.41(b)
UN Number	3266	ADR Class	8
		Packaging Group	11
Proper Shipping Name (PSN)	Corrosive liquid, basic, inorganic NOS contains sodium hydroxide UN No 3266		

SEA TRANSPORT

UN Number	3266	Class	8
Packing Group	11	Marine Pollutant	No
EMS	8-15	MFAG	760
		IMDG Code	8147 PSN Same as above

**15. REGULATORY INFORMATION**

Chemical identity:

Labelling according to the chemical (Hazard Information and Packaging) Regulations 2002 CHIP 3

EEC Number N/A

Symbol(s) C - Corrosive

RiskPhrase(s) R35 - Causes severe burns

Safety Phrase(s) S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S27 - Take of immediately all contaminated clothing  
 S37/39 - Wear suitable gloves and eye face protection

**16. OTHER INFORMATION**

Further details might be available upon request from Accepta Limited.

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