

SAFETY DATA SHEET

PRODUCT NAME:**Accepta 2339****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY** Chemical Identity

Highly alkaline solution containing sodium hydroxide

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2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered as a preparation
 Chemical Description: contains sodium hydroxide

Symbol(s): Corrosive Risk phrase(s) R35

3. HAZARD IDENTIFICATION Causes severe burns to

skin, eyes and mucous membranes

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 MEASURES

Extinguishing Media Use fog equipment. In the absence of fog equipment use fine water spray

Exposure Hazards: Contact with certain metals liberates highly flammable hydrogen gas which may form an explosive mixture with air.

Hazardous Combustion Products May generate toxic and explosive fumes in a fire.

Special equipment for fire fighting Firefighters 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. See Section 8.

Environmental Precautions Do not allow to enter water course.

Clean up Procedure Dispose of hazardous waste in accordance with waste disposal and water authority regulations.
 Small and large spills: Dilute - may be washed to drain with large quantities of water.

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. Maximum storage temperature of 20°C. Avoid freezing temperatures.

8. EXPOSURE CONTROLS

Exposure Limit (8hrs) TWA 2mgm^{-3} Type OES
 (10 min) 10mgm^{-3}
 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 clear liquid	Solubility in water :	Complete
Odour:	Characteristic - choking	Solubility in other solvent:	Not determined
pH	>14	Partition coefficient and N-octanol/water:	Not determined
Boiling Point/Boiling Range	119°C		
Melting Point/Melting Range	Not determined	Other Data	None
Flash Point	n/a		
Flammability	n/a		
Autoflammability	n/a		
Explosive Properties	n/a		
Oxidising Properties	n/a		
Vapour Pressure	6.6 m bar 15°C		
Relative Density	1.35		

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

11. TOXICOLOGICAL INFORMATION

Acute effects:
 Liquid and mist causes severe irritation and corrosion to skin, eyes, respiratory and digestive tracts.
 Corrosive to eyes may cause corneal damage.
 Corrosive to skin causing ulceration and possibly dermatitis. It is unlikely to be absorbed through the skin.

12. ECOLOGICAL INFORMATION

Environmental Effects	Slightly toxic to living resources LC50 96hr 10-100mg/l. High concentrations in receiving waters will injure aquatic life by the effect of pH.
Bioaccumulative Potential	No evidence of bioaccumulation
Marine Pollutant	No evidence

13. DISPOSAL CONSIDERATIONS

Product	Do not attempt to neutralise with strong acids, neutralisation generates much heat (see also Section 6)
Container	Wash thoroughly before disposal

14. TRANSPORT INFORMATION

LAND TRANSPORT

UN Class	8	Item Number 8.42° (b)
UN Number	1824	ADR Class 8 Packaging Group 11
Proper Shipping Name (PSN)		Sodium Hydroxide, liquid

SEA TRANSPORT

UN Number	1824	Class	8
Packing Group	11	Marine Pollutant	NO
EMS	8.06	MFAG	705
		IMDG Code	8226
			PSN Same as above

15. REGULATORY INFORMATION

Chemical identity:	Contains sodium hydroxide UN No 1824
Labelling according to the chemical (Hazard Information and Packaging) Regulations 1993	
EEC Number	215-185-5
Symbol(s)	C
Risk Phrase(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 off immediately all contaminated clothing S37/39 - Wear suitable gloves and eye/face protection

16. OTHER INFORMATION

Date SDS Prepared August 1994.....