Caustic Soda Lye:	
Point no. 1	Chemical product and company identification.
Chemical product	Hydroxide Solution
synonyms	Caustic Soda Lye
Name of Manufacturing Company	M/s. Gujarat Alkalies & Chemicals Limited. P.O. Petrochemicals, Dist. Vadodara Pin code no. 391 346 State – Gujarat, INDIA Telephone No. 2232681, 2232981 –82, 2232039, 2230384 Fax No. 2232130
Point No. 2	Composition, Information-on ingredients CAS No 1310-73-2 Sodium JHydroxide Solution 50 %
Point No. 3	Hazardous Identification Corrosive, Class - 8 U.N. Mo.1824 , Hazchem No. 2 RCAS No. 1310-73-2 Hazardous Waste - I.D. No. NFPA rating Health 3, Fire 0, Reactivity 1
Point No. 4	First Aid Measure 1.Eyes: - Flush eyes with plenty of water- for 15 minutes. 2. Skin flush skin with plenty of water for 15 minutes. 3.Inhalation: remove victim to fresh air area 4.Ingestion: give large quantity of water. Do Not induce vomiting. Get medical attention
Point No. 5	Fire Fighting Measure- Not flammable Cool exposed tanks with water to prevent rupture
Point No. 6	Accident Release Measures Recover liquid If possible. Dilute caustic residues with water and neutralize with dilute hydrochloric acid.
Point No. 7	Store in a cool, dry.ventilated area away from sources of heat. Keep away from concentrated acids
Point No. 8	Exposure controls TLV (ACGIH) stel ppm 2mg/m³ (Ceiling) Odour - ppm mg/m³¹ Exposure, limit LD-50 mg/Kg (oral-rat) Personal Protective equipment: - Use rubber/PVC hand gloves, chemical goggles, face shield, PVC suit, & qumboots.
Point No. 9	Physical and Chemicals Properties  1. Physical State :- Liquid  2. Appearance :- ' Colourless solution  3. Odour:- odorless  4. Solubility in water at 30° C completely miscible  5. Vapour density not established  6. Boiling range/point Decomposes 140°C  7. PH: -'-14 (Highly alkaline) '.  a. Melting /freezing point -Melting point not applicable / Freezing point 12C°  9. Vapour pressure,13mm Hg at 60°C  10. Specific gravity - 1.53
Point No. 10	Stability and Reactivity Chemical Stability:- Stable under normal condition. Incompatibility:- with- concentrated acid, trichloro ethylene & organic halogen.

	Reactivity:- 'Reacts with metals like AI, Tin, Zinc to
	generate flammable & explosive gas. (Hydrogen)
	Hazardous reaction products :- flammable gas Hydrogen
Point No. 11	Toxicological information
	Irritation data :- Rabbit; 500 mg/24h severe.
	Eyes rabbit : 50 ug/24h' severe.
	Investigated, as a mutagen.
	Emergency Treatment :
	Same as point No. 4
Point No. 12	
Point No. 12	Ecological information
	Environmental Fate: No information Found
	Environmental Toxicity: No information found
Point No. 13	Disposal Consideration
	What ever cannot be saved for recovery or recycling should
	be handled', as hazardous waste & sent to RCRA approved
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Delich Nie - d.A	waste facility
Point No. 14	Transport information :-
	1) Formula :- NaOH C.A.S.No. 1310-73-2
	2) Regulated shipping Identification name:-Sodlum
	Hydroxide Solution
	3) Code/Label :- Class - 8 Corrosive
	4) UN No:- 1824
	5) Packing group - II'
Point No. 15	Regulatory information: -
Tome No. 13	Sodium Hydroxide solution
	EPA clean air Act - None
	EPA water Act - Hazardous substances listing.
	TSCA status- TSCA Inventory listing.
	CERCLA RQ - IOOOIbs.
D. 1.1.1. 46	CAS No. 1310-73-2
Point No. 16	Other Information
	Information contained in this material data sheet is
	believed to be reliable but no representation. Guarantee or
	warranties of any kind are made as to its accuracy,
	suitability for a particular application or results to be
	obtained from them. It is up to the manufacture/seller to
	ensure that the information contained in the material safety
	data sheet is relevant to the product manufacture handled
	or sold by him as the case may be. The Government makes
	no warranties, expressed or implied, in respect of the
	adequacy of this document for any particular purpose.
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