

## Sodium Hypochlorite:

Point No. 1 CHEMICAL IDENTITY					
Chemical product	Sodium Hypochlorite				
synonyms	Soda Bleach Liquor				
Name of Manufacturing Company	M/s. Gujarat Alkalies & Chemicals Limited. P.O. Petrochemicals, Dist. Vadodara 391 346 State – Gujarat, INDIA Telephone No. 2232681, 2232981 –82, 2232039 Fax No. 2232130				Pin code no.
Formula H <sub>2</sub> O	NaOCl.	C, A. S. No.	7681 -fs-9	U. N. No.	Data not available
Regulated Identification	Shipping Name Codes Label		Corrosive class-8		
	1 Hazchem No.:				
Hazardous Ingrad en's	Hazardous Waste		I D. No. : Ha'a nol available		
	C A. S No. :		Sodium Hypocrtloftte Solution		
		1.	7531-52-9	2.	
		3.		4.	
2. PHYSICAL AND CHEMICAL DATA					
Boling Range Point Decomposes	Physical State	Liquid	Appearance	Water pale yellow	
Melting Freezing Point Data not available	Vapour Pressure at 35°C	data not available	Odour	Like bleach Solution	
Vapour Density Data not available	Solubility in water at 30°C	16% at 0°C	Others	---	
(Air=1)	----				
Specific Gravity Water=1	pH	Alkaline(10.s -11.2)			
3. FIRE AND EXPLOSION HAZARD DATA					
Flammability No	LEL Not Applicable	Flash Point °C	Not flammable	Autoignition °C	Not Temperature flammable
Tog Flammability Data not available	UEL Not Applicable	Flash Point °C	Not flammable		
Explosion Sensitivity to impact Data Not available	Explosion Sensitivity to Static Electricity	Data not available	Hazardous Combustion Product	Not Pertinent	
Hazardous Polymerrssation Combustible Liquid Data not available	Data not available	Explosive Material	Data not available	Corrosive Material Data not available	
Flammable Material	Data not available	Oxidiser	Data not available	Others	----
Pyrophoric material	Data not available	Organic	Data not available	Peroxide	Data not available

4. REACTIVITY DATA							
Chemical Stability	Not Stable, Decomposes (1% Caustic Soda is added as a stabilizing agent)						
Compatibility With other Material	Acids, Metals, Amines, cellulose						
With other Material							
5. HEALTH HAZARDS DATA							
Routes of Entry	Skin Contact, Eye, Contact, Inhalation, Ingestion						
Effects of Exposure Symptoms	Irritating to skin & eyes, blistering in throat, cough,						
Emergency treatment	Remove clothing & Flush with plenty of water, on contact with eyes, Flush with of water						
(ACGIH) Data not available	Data not available	ppm	mg/m3	STEL	Data not available	ppm	mg/m3
Permissible Exposure Limit LD-50	Date not available	ppm	mg/m3	Odour Threshold LD-50		ppm	mg/m3
NFPA Hazard Signale	Health Date not available	Flammability		Stability			SPECIAL
6. PREVENTIVE MEASURE							
Personal Protective Equipment	Rubber gloves, goggles, face shield, Gum boots, PVC apron, hood, Provision of safety shower / Eye washer.						
Handling and Storage Precautions	Use safety appliances to avoid physical contact Store in a cool dark please from combustible material Keep containers well closed and protect from moisture						
7. EMERGENCY AND FIRST AID MEASURE							
Fire	Fire Extinguishing			Not Pertinent			
Fire	Special Procedures Unusual Hazards			Data not available Data not available			
Exposure	First Aid Measures Antidotes/Dosages			Same as Emergency Treatment Data not available			
Spills	Steps to be taken			Data not available			
	Waste Disposal Method			Absorb in earth or sand remove to safe place Flush the area/road with abudent water.			
8. ADDITIONAL INFORMATION REFERENCES							

## 9. MANUFACTURE/SUPPLIERS DATA

Name of Firm mailing Address	Contact Person in	Senior Engineer
	Emergency	Gujarat Alkalies and Chemical Ltd. P. O. Petrochemicals 391246 Dist- Vadodara
Telephone/Telex Nos. Telephonic Address	Local Bodies	2232680, 2232682, 2232981, 2232982. 2232039
	Involved	
	Standard packing	Tanker load
	Tremcard Detail/Ref	Provided
	Others	

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