

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product Name:	Regular Bleach
Manufacturer:	GS Liquid Technologies, LLC 601 W. Industrial Bldg A Cleburne, TX. 76033
Contact Number:	Tel: 817-556-6262
Date of last Revision:	January 1, 2011

Section 2 – Composition/Information on Ingredients

Components	Percentage	CAS#	Worker Exposure Limit
Sodium Hypochlorite	2.5 – 6.0%	7681-52-9	not established
Sodium Chloride	1.25-5%	7647-14-5	Not established
Sodium Hydroxide	<1.0%	1310-73-2	2 mg/m ³ – TLV-C**
** TLC-C = ACGIH Threshold Limit Value – Ceiling None of the ingredients in this product are on the IARC or NTP carcinogen lists			

Section 3 – Health Hazard Data

Route of Entry

	Skin	Yes	Eyes	Yes
Inhalation	Yes		Ingestion	Yes

Effects of Exposure: DANGER: CORROSIVE. May cause severe irritation or damage to eyes and skin. Vapor or mist may irritate. Harmful if swallowed. Keep out of reach of children.

Some clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g., irritation) occurs during exposure. Under normal consumer use conditions, the likelihood of any adverse health effects are low.

Medical conditions that may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, emphysema, chronic bronchitis or obstructive lung disease.

Section 4 – First Aid Measures

Skin: Wash skin with water for 15-20 minutes. If irritation develops, call a physician.
Eye contact: Hold eye open and rinse with water for 15-20 minutes. Remove contact lenses, after first 5 minutes. Continue rinsing eye. Call a physician
Ingestion: DO NOT INDUCE VOMITING. Drink a glassful of water. If irritation develops, call a physician. Do not give anything by mouth to an unconscious person.
Inhalation: Move to fresh air. If breathing is affected, call a physician.

Section 5 – Special Protection and Precautions

Protective Equipment:
 Gloves: Rubber or Nitrile
 Eyes: Wear safety glasses, goggles or face shield.

Leak and Spill Protection:
 Control spill. Containerize liquid and use absorbents on residual liquid; dispose appropriately. Wash area and let dry. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed, and/or poorly ventilated areas until hazard assessment is complete.

Waste Disposal:
 Dispose of in accordance with all applicable federal, state and local regulations.

Storage requirements:
 Store in a cool, dry and well-ventilated area.

Section 6 – Physical Data

State	Liquid	pH	~11.9
Appearance	Clear Pale Yellow	Specific Gravity	1.080 min.
Odor	Typical Chlorine	Solubility in water	complete

Section 7 – Fire and Explosion Data

Flash point: None
Special Firefighting Procedures: None
Unusual Fire/Explosion Hazards: None. Not flammable or explosive. Product does not ignite when exposed to open flame.

Section 8 – Reactivity Data

Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids, or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. Prolonged contact with metal may cause pitting or discoloration.

Section 9 – Regulatory Data

Whims:

Health:	2
Flammability:	0
Reactivity:	1
DOT:	Not Regulated
EPA-SARA Title III/CERCLA:	Bottled product is not reportable under Sections 311/312 and contains no chemicals reportable under section 313. This product does contain chemicals (sodium hydroxide <0.2% and sodium hypochlorite <7.35%) that are regulated under section 304/CERCLA.
TSCA/DSL Status:	All components of this product are on the U.S. TSCA inventory and Canadian DSL.

As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, is made concerning this product. The information contained herein is offered only as a guide to the handling of this specific material and is not intended to be all-inclusive in the manner and conditions of use and handling. The user assumes all risks of use or handling, whether or not in accordance with any directions or suggestions of the manufacturer. Manufacturer shall not be liable to the purchaser or any other person for loss or damages directly or indirectly arising from the use of our product.