

## MSDS FOR LIQUID BLEACH (5.25%) - LIQUID BLEACH

## General Information

Item Name: LIQUID BLEACH  
Record No. For Safety Entry: 003  
Tot Safety Entries This Stk#: 020  
Status: SE  
Date MSDS Prepared: 01AUG90  
Safety Data Review Date: 18MAR91  
Supply Item Manager: GSA

## Ingredients/Identity Information

Proprietary: NO  
Ingredient: SODIUM HYPOCHLORITE (SARA III)  
Ingredient Sequence Number: 01  
Percent: 5.25  
NIOSH (RTECS) Number: NH3486300  
CAS Number: 7681-52-9  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE SPECIFIED

## Physical/Chemical Characteristics

Appearance And Odor: PALE YELLOW LIQUID WITH TYPICAL LIQUID BLEACH ODOR  
Boiling Point: 217F, 103C  
Vapor Pressure (MM Hg/70 F): 16  
Vapor Density (Air=1): 19.2  
Specific Gravity: 1.078  
Solubility In Water: COMPLETE  
Percent Volatiles By Volume: APPR 5  
pH: 12.4

## Fire and Explosion Hazard Data

Flash Point: N/A

Extinguishing Media: USE WATER IN FLOODING QUANTITIES.

Special Fire Fighting Proc: USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS FOR CHLORINE GAS VAPORS.

Unusual Fire And Expl Hazrds: BLEACH DECOMPOSES WHEN HEATED TO HIGH TEMPERATURES WHICH MAY RUPTURE CONTAINER.

Reactivity Data

Stability: NO

Cond To Avoid (Stability): HEAT, DIRECT SUNLIGHT

Materials To Avoid: ACID, AMMONIA, ORGANIC COMPOUND, SALTS

Hazardous Decomp Products: CHLORINE, CHLORINE DIOXIDE, CHLORAMINES

Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: NO

Signs/Symptoms Of Overexp: EYES:CONTACT WITH LIQUID OR VAPORS MAY PRODUCE MODERATE TO SEVERE IRRITATION. SKIN CONTACT:MAY RESULT IN BLISTERING AND IRRITATION.

INHALATION:VAPORS MAY CAUSE BRONCHIAL IRRITATION, COUGHING PULMONARY EDEMA.

INGESTION:MAY CAUSE BURNING SENSATION & CORROSION OF MUCOUS MEMBRANES, VOMITING.

Emergency/First Aid Proc: EYES:FLUSH THOROUGHLY WITH RUNNING WATER FOR AT LEAST 15 MINUTES.

SKIN:RINSE THOROUGHLY WITH RUNNING WATER. INHALATION: IFEFFECTS OCCUR, REMOVE VICTIM TO FRESH AIR. IN ALL INSTANCES GET PROMPT MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: FLUSH WITH WATER TO SEWER IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Waste Disposal Method: FLUSH WITH WATER TO SEWER IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Precautions-Handling/Storing: STORE IN COOL, DARK PLACE AWAY FROM HEAT AND LIGHT. STORE BELOW 90F.

Control Measures

=====

Respiratory Protection: AVOID INHALATION, WEAR NIOSH RESPIRATOR.

Protective Gloves: WEAR RUBBER GLOVES

Eye Protection: SPLASH PROOF, CHEMICAL RESISTANT GOGGLES

=====

Transportation Data

=====

Trans Data Review Date: 91077  
DOT PSN Code: HNV  
DOT Proper Shipping Name: HYPOCHLORITE SOLUTIONS  
DOT Class: 8  
DOT ID Number: UN1791  
DOT Pack Group: III  
DOT Label: CORROSIVE  
IMO PSN Code: NTF  
IMO Proper Shipping Name: SODIUM HYPOCHLORITE, SOLUTION  
IMO Regulations Page Number: SEE 8186  
IMO UN Number: 1791  
IMO UN Class: 8  
IATA PSN Code: NYC  
IATA UN ID Number: 1791  
IATA Proper Shipping Name: HYPOCHLORITE SOLUTION \*  
IATA UN Class: 8  
IATA Label: CORROSIVE  
AFI PSN Code: NYC

=====

Disposal Data

=====

=====

Label Data

=====

Label Required: YES  
Label Status: G  
Common Name: LIQUID BLEACH (5.25%)  
Special Hazard Precautions: N/K EYES: CONTACT WITH LIQUID OR VAPORS MAY PRODUCE MODERATE TO SEVERE IRRITATION. SKIN CONTACT: MAY RESULT IN BLISTERING AND IRRITATION.  
INHALATION: VAPORS MAY CAUSE BRONCHIAL IRRITATION, COUGHING PULMONARY EDEMA.  
INGESTION: MAY CAUSE BURNING SENSATION & CORROSION OF MUCOUS MEMBRANES,

Label Name: COASTAL CHEMICAL COMPANY

Label City: HAMPTON

Label State: GA

Label Zip Code: 30228

Label Country: US

Label Emergency Number: 404-946-4216