

CLOROX COMPANY -- CLOROX LIQUID BLEACH -- 6810-01-312-0376

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MSDS Safety Information
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FSC: 6810
NIIN: 01-312-0376
MSDS Date: 11/09/1989
MSDS Num: CKVHT
Tech Review: 10/24/2000
Product ID: CLOROX LIQUID BLEACH
Responsible Party
Cage: HO903

Distributor's Name:	Myers Supply, Inc.
Address:	831 Third Street
City:	Hot Springs, AR 71913
Info Phone Number:	501-623-7742
Emergency Phone Number:	888-627-8740

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Contractor Summary
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Cage: 93098
Name: CLOROX CO THE HEADQUARTERS
Address: 1221 BROADWAY
Box: 24305
City: OAKLAND CA 94612-1305 US
Phone: 510-271-7000
Cage: HO903
Name: CLOROX COMPANY
Address: 7200 JOHNSON DR
City: PLEASANTON CA 94566 US
Phone: 415-847-6100

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Item Description Information
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Specification Number: NK
Type/Grade/Class: NK

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Ingredients
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Cas: 7681-52-9
RTECS #: NH3486300
Name: HYPOCHLOROUS ACID, SODIUM SALT; (SODIUM HYPOCHLORITE) (SARA III)
% by Wt: 5.25
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS
Ozone Depleting Chemical: N

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Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: CAUSES SEVERE BUT TEMPORARY EYE INJURY. MAY IRRITATE

SKIN. MAY CAUSE NAUSEA & VOMITING IF INGESTED. EXPOSURE TO VAPOR/MIST MAY IRRITATE NOSE, THROAT & LUNGS. UNDER NORMAL CONSUMER USE CONDITIONS

THE LIKELIHOOD OF ANY ADVERSE HEALTH AFFECTS ARE LOW.

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: EYES: IRRITATION, REDNESS, PAIN, CAUSES SEVERE BUT TEMPORARY EYE INJURY. MAY IRRITATE SKIN. MAY CAUSE NAUSEA & VOMITING IF INGESTED. EXPOSURE TO VAPOR/MIST MAY IRRITATE NOSE,

THROAT & LUNGS.

Medical Cond Aggravated By Exposure: FOLLOWING CONDITIONS MAY BE AGGRAVATED BY EXPOS TO HIGH CONCENTRATION OF VAPORS/ MIST: HEART CONDITIONS, RESPIRATORY PROBLEMS SUCH AS ASTHMA, CHRONIC BRONCHITIS OR

OBSTRUCTIVE LUNG DISEASE.

First Aid: EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST

15 MINUTES. IF IRRITATION PERSISTS, SEE A DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH WATER FOR AT LEAST 15 MINUTES. INGESTION: DRINK A GLASSFUL OF WATER AND CALL PHYSICIAN. INHALATION:

IF

BREATHING PROBLEMS DEVELOP REMOVE TO FRESH AIR. SEEK MEDICAL HELP.

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Handling and Disposal

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Spill Release Procedures: SMALL QUANTITY OF LESS THAN 5 GALS MAY BE FLUSHED DOWN DRAIN. FOR LARGER QTYS ABSORB WITH INERT MATERIAL, MOP RESIDUE & DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent: DILUTE WITH WATER TO MINIMIZE OXIDIZING EFFECT ON SPILLED AREA.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE. DO NOT REUSE

EMPTY CONTAINER; RINSE CONTAINER AND PUT IN TRASH .

Other Precautions: KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES/ON SKIN. WASH THOROUGHLY WITH SOAP & WATER AFTER HANDLING. DO NOT MIX W/OTHER HOUSEHOLD CHEMICALS.

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Fire and Explosion Hazard Information

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Flash Point Text: NON-COMBUSTIBLE

Extinguishing Media: USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE

EQUIPMENT. IN FIRE, COOL CONTAINERS TO PREVENT RUPTURE & RELEASE OF SODIUM CHLORATE.

Unusual Fire/Explosion Hazard: NOT FLAMMABLE OR EXPLOSIVE.

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Control Measures

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Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation: USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO VAPOR OR MIST.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: ANSI APPROVED CHEM WORK GOGGLES.

Other Protective Equipment: AVOID EYE & SKIN CONTACT & INHALATION OF VAPOR

OR MIST.

Work Hygienic Practices: WEAR SAFETY GLASSES. WITH REPEATED OR PROLONGED

USE, WEAR GLOVES.

Supplemental Safety and Health: BP:212F,100C (DECOMPOSES).

Physical/Chemical Properties

HCC: B3

B.P. Text: SUPP DATA

Spec Gravity: 1.085 (H*20=1)

PH: 11.4

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, LIGHT YELLOW LIQUID WITH CHLORINE ODOR.

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: REACTS W/HOUSEHOLD CHEMICALS SUCH AS TOILET BOWL CLEANERS, RUST REMOVERS, VINEGAR, ACIDS OR AMMONIA CONTAINING PRODUCTS.

Hazardous Decomposition Products: PRODUCES HAZARDOUS GASES, SUCH AS CHLORINE & OTHER CHLORINATED SPECIES. PROLONGED CONTACT WITH METAL MAY

CAUSE PITTING OR DISCOLORATION.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

Toxicological Information

Ecological Information

MSDS Transport Information

Transport Information: CLOROX COMPANY'S LETTER DATED JUNE 2,2000 (TO RON

AT DDSP, NEW CUMBERLAND, PA) STATES THAT: "OUR HYPOCHLORITE SOLUTION PRODUCTS HAVE RECENTLY BEEN RETESTED AND PASSED THE STEEL, ALUMINUM AND

SKIN TEST S". THEREFORE, THESE PRODUCTS ARE NOT CLASSIFIED AS HAZARDOUS

MATERIALS FOR TRANSPORTATION, SINCE THEY DO NOT MEET THE DEFINITION OF A

CORROSIVE.

Regulatory Information

Other Information

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Transportation Information
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Responsible Party Cage: HO903
Trans ID NO: 155083
Product ID: CLOROX LIQUID BLEACH
MSDS Prepared Date: 11/09/1989
Review Date: 10/24/2000
Article W/O MSDS: N
Limited Quantity IND: N
Multiple KIT Number: 0
Review IND: N
Additional Data: PER COLOROX (MFR), NOT CLASSIFIED AS HAZARDOUS MATERIALS

FOR TRANSPORTATION, SINCE THEY DO NOT MEET THE DEFINITION OF A CORROSIVE. SEE DTAILS UNDER TRANSPORTATION SECTION. IATA DOES NOT REGULATE HYPOCHLORITE SOLUTIONS IF THE AVAILABLE CHLORINE IS 5% OR LESS.

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Detail DOT Information
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DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: CLOROX LIQUID BLEACH
Cage: HO903
Company Name: CLOROX COMPANY
Street: 7200 JOHNSON DR
City: PLEASANTON CA
Zipcode: 94566 US
Health Emergency Phone: 303-573-1014
Date Of Label Review: 10/24/2000
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None
Hazard And Precautions: CAUSES SEVERE BUT TEMPORARY EYE INJURY. MAY IRRITATE SKIN. MAY CAUSE NAUSEA & VOMITING IF INGESTED. EXPOSURE TO

VAPOR/MIST MAY IRRITATE NOSE, THROAT & LUNGS. UNDER NORMAL CONSUMER USE

CONDITIONS THE LIKELIHOOD OF ANY ADVERSE HEALTH EFFECTS ARE LOW.
FIRST

AID:EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE A DOCTOR. SKIN: REMOVE

CONTAMINATED

CLOTHING. WASH AREA WITH WATER FOR AT LEAST 15 MINUTES. INGESTION: DRINK A GLASSFUL OF WATER AND CALL PHYSICIAN. INHALATION: IF BREATHING

PROBLEMS DEVELOP REMOVE TO FRESH AIR. SEEK MEDICAL HELP.

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