

CLOROX HEADQUARTERS -- CLOROX

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MSDS Safety Information
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FSC: 6810
NIIN: 01-042-3517
MSDS Date: 10/01/2000
MSDS Num: CKVJW
Product ID: CLOROX
MFN: 01
Responsible Party
Cage: 93098
Name: CLOROX CO THE HEADQUARTERS
Address: 1221 BROADWAY
Box: 24305
City: OAKLAND CA 94612-1305
Info Phone Number: 510-271-7000
Emergency Phone Number: (800)424-9300
Chemtrec IND/Phone: (800)424-9300
Review Ind: Y
Published: Y

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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
Phone: 510-271-7000
Cage: 0NJV1
Name: PRESENIUS USA INC
Address: 95 HAYDEN AVE
City: LEXINGTON MA 02173
Phone: 781-402-9000
Contract Number: SPO450-00-M-D039
Cage: 1KH20
Name: TELECHEM INTERNATIONAL, INC
Address: 524 E WEDDELL DRIVE SUITE 3
City: SUNNYVALE CA 94089-2115
Phone: 916-941-3688
Contract Number: SPO450-00-M-D765
Cage: JO846
Name: THE CHLOROX COMPANY
Address: 7200 JOHNSON DRIVE
City: PLEASANTON CA 94566
Phone: UNKNOWN

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Item Description Information
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Item Manager: S9G
Item Name: SODIUM HYPOCHLORITE SOLUTION
Unit of Issue: GL
UI Container Qty: 0

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Ingredients
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Cas: 7681-52-9
RTECS #: NH3486300
Name: SODIUM HYPOCHLORITE

Percent by Wt: 5.25
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. MAY IRRITATE SKIN. MAY CAUSE NAUSEA AND VOMITING IF INGESTED. EXPOSURE TO VAPOR OR MIST MAY IRRITATE NOSE, THROAT AND LUNGS.

Explanation Of Carcinogenicity: NONE OF THE INGREDIENTS IN THIS PRODUCT ARE ONE THE IARC, NTP OR OSHA CARCINOGEN LIST.

Signs And Symptions Of Overexposure: EYE: IRRITATION, REDNESS, PAIN, CAUSES SUSTANTIAL BUT TEMPORARY EYE INJURY. MAY IRRITATE SKIN. MAY CAUSE NAUSEA AND VOMITING IF INGESTED. EXPOSURE TO VAPOR OR MIST MAY IRRITATE NOSE, THROAT AND LUNGS.

Medical Cond Aggravated By Exposure: EXPOSURE TO HIGH CONCENTRATIONS AND MIST: HEART CONDITIONS OR CHRONIC RESPIRATORY PROBLEMS SUCH AS ASTHMA, CHRONIC BRONCHITIS OR OBSTRUCTIVE LING DISEASE.

First Aid: EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEE A DOCTOR. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH WATER. INGESTION: DRINK A GLASSFUL OF WATER A ND CALL A 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 SPILLS (<5 GALLONS) ABSORB, CONTAINERIZE, AND LANDFILL IN ACCORDANCE WITH LOCAL REGULATIONS. WASH DOWN RESIDUAL TO SANITARY SEWER. LARGE SPILL (>5 GALLONS. ABSORB, CONTAINERIZE AND LANDFILL IN A CCORDANCE WITH LOCAL REGULATIONS; WASH DOWN RESIDUAL TO SANITARY SEWER. OR PUMP MATERIAL TO WASTE DRUMS AND DISPOSE IN ACCORDANCE WITH LOCAL REGULATIONS.

Waste Disposal Methods: CONTACT THE SANITARY TREATMENT FACILITY IN ADVANCE TO ASSURE ABILITY TO PROCESS WASHED-DOWN MATERIAL. DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: N/P. : STORE IN A COOL, DARK PLACE. STORAGE TEMPERATURE MUST NOT EXCEED 38C (100F). (A-A-1427C).

Other Precautions: N/P. : DO NOT MIX WITH OTHER CHEMCALS SUCH AS TOILET BOWL CLEANERS OR PRODUCTS CONTAINING VINEGAR OR AMMONIA.

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Fire and Explosion Hazard Information
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Flash Point Text: NON-FLAMMABLE

Extinguishing Media: NOT FLAMMABLE OR EXPLOSIVE.

Fire Fighting Procedures: IN A FIRE, COOL CONTAINERS TO PREVENT RUPTURE AND RELEASE OF SODIUM CHLORATE.

Unusual Fire/Explosion Hazard: NOT FLAMMABLE OR EXPLOSIVE.

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Control Measures
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Respiratory Protection: USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO VAPOR OR MIST.

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

Protective Gloves: FOR REPEATED OR PROLONGED USE, WEAR RUBBER GLOVES.

Eye Protection: SAFETY GLASSES.
Other Protective Equipment: EYEWASH.
Work Hygienic Practices: AVOID EYE AND SKIN CONTACT AND INHALATION OF VAPOR OR MIST.
Supplemental Safety and Health: KEEP OUT OF THE REACH OF CHILDREN. EPA REGISTRATION #5813-1.

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Physical/Chemical Properties
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HCC: B3
Boiling Point: =100.C, 212.F
B.P. Text: DECOMPOSES
Spec Gravity: 1.085
PH: 11.4
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR, LIGHT YELLOW LIQUID WITH CHLORINE ODOR.

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: STABLE UNDER NORMAL USE AND STORAGE CONDITIONS.
Materials To Avoid: 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.
Hazardous Decomposition Products: CHLORINE AND OTHER CHLORINATED SPECIES.

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Toxicological Information
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Toxicological Information: OCCASIONAL CLINICAL REPORTS SUGGEST A LOW POTENTIAL FOR SENSITIZATION UPON EXAGGERATED EXPOSURE TO SODIUM HYPOCHLORITE IF SKIN DAMAGE (IRRITATION) OCCURS DURING EXPOSURE. ROUTINE CLINICAL TESTS CONDUCTED ON INTACT SKIN WITH CLOROX LIQUID BLEACH FOUND NO SENSITIZATION IN THE TEST SUBJECTS.

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Ecological Information
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MSDS Transport Information
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Transport Information: PSN: NOT RESTRICTED. 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 TESTS". THEREFORE, THESE PRODUCTS ARE NOT CLASSIFIED AS HAZARDOUS MATERIALS FOR TRANSPORTATION, SINCE THEY DO NOT MEET THE DEFINITION OF A CORROSIVE.

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Regulatory Information
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Sara Title III Information: AS A CONSUMER PRODUCT, THIS PRODUCT IS EXEMPT FROM SUPPLIER NOTIFICATION REQUIREMENTS UNDER SEC 313 TITLE III OF SARA (40 CFR PART 372).
Federal Regulatory Information: EPA REGISTRATION #5813-1.

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Other Information
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Transportation Information
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Responsible Party Code: 93098
Trans ID NO: 155104

Product ID: CLOROX
MSDS Prepared Date: 10/01/2000
Review Date: 10/25/2000
MFN: 1
Net Unit Weight: 9 LB/GL
Multiple KIT Number: 0
Unit Of Issue: GL
Container QTY: 0

Additional Data: PSN PER MSDS. THESE PRODUCTS ARE NOT CLASSIFIED AS HAZARDOUS MATERIALS FOR TRANSPORTATION, SINCE THEY DO NOT MEET THE DEFINITION OF A CORROSIVE. SEE TRANSPORTATION INFO SECTION ALSO.

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: CLOROX
Cage: 93098
Company Name: CLOROX CO THE HEADQUARTERS
Street: 1221 BROADWAY
PO Box: 24305
City: OAKLAND CA
Zipcode: 94612-1305
Health Emergency Phone: (800)424-9300
Label Required IND: Y
Date Of Label Review: 10/25/2000
Status Code: A
Year Procured: 2000
Origination Code: F
Eye Protection IND: YES
Signal Word: CAUTION
Health Hazard: None
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None
Hazard And Precautions: CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. MAY IRRITATE SKIN. MAY CAUSE NAUSEA AND VOMITING IF INGESTED. EXPOSURE TO VAPOR OR MIST MAY IRRITATE NOSE, THROAT AND LUNGS. FIRST AID: EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEE A DOCTOR. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH WATER. INGESTION: DRINK A GLASSFUL OF WATER AND CALL A PHYSICIAN. IF INHALATION: IF BREATHING PROBLEMS DEVELOP REMOVE TO FRESH AIR. SEEK MEDICAL HELP.