

CLOROX CO THE HEADQUARTERS -- CLOROX -- 6810-01-042-3517

===== Product Identification =====

Product ID:CLOROX
MSDS Date:10/01/2000
FSC:6810
NIIN:01-042-3517
Status Code:A
MSDS Number: CKVJW
=== Responsible Party ===
Company Name:CLOROX CO THE HEADQUARTERS
Address:1221 BROADWAY
Box:24305
City:OAKLAND
State:CA
ZIP:94612-1305
Country:US
Info Phone Num:510-271-7000
Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300
CAGE:93098

=== Contractor Identification ===

Company Name:CLOROX CO THE HEADQUARTERS
Address:1221 BROADWAY
Box:24305
City:OAKLAND
State:CA
ZIP:94612-1305
Country:US
Phone:510-271-7000
CAGE:93098

Company Name:PRESENIUS USA INC
Address:95 HAYDEN AVE
Box:City:LEXINGTON
State:MA
ZIP:02173
Country:US

Phone:781-402-9000
Contract Num:SPO450-00-M-D039
CAGE:0NJV1

Company Name:TELECHEM INTERNATIONAL, INC
Address:524 E WEDDELL DRIVE SUITE 3
Box:City:SUNNYVALE
State:CA
ZIP

:94089-2115
Country:US
Phone:916-941-3688
Contract Num:SPO450-00-M-D765
CAGE:1KH20
Company Name:THE CHLOROX COMPANY
Address:7200 JOHNSON DRIVE
Box:City:PLEASANTON
State:CA
ZIP:94566
Country:US
CAGE:JO846

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYPOCHLORITE
CAS:7681-52-9
RTECS #:NH3486300
= Wt:5.25
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YE
S Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CAUSES SUBTANTIAL 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.
Effects of Overexposure:EYE: IRRITATION, REDNESS, PAIN, CAUSES
SUSTANTIAL BUT TEMPORARY EY
E 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.

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First Aid Measures
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First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. IF
IRRITATION P

ERSISTS, SEE A DOCTOR. SKIN CONTACT: REMOVE
CONTAMINATED CLOTHING. WASH AREA WITH WATER. INGESTION: DRINK A
GLASSFUL OF WATER AND CALL A PHYSICIAN. INHALATION: IF BREATHING
PROBLEMS DEVELOP REMOVE TO FRESH AIR. SEEK MEDICAL HELP.

===== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE
Extinguishing Media:NOT FLAMMABLE OR EXPLOSIVE.
Fire Fighting Procedures:IN A FIRE, COOL CONTAINERS TO PREVENT RUPTURE
AND RELEASE OF SODIUM CHLORATE.
Unusu
al Fire/Explosion Hazard:NOT FLAMMABLE OR EXPLOSIVE.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILLS (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.

===== Handling and Storage =====

Handling and Storage Precautions:N/P. HMIS: STORE IN
A COOL, DARK
PLACE. STORAGE TEMPERATURE MUST NOT EXCEED 38C (100F). (A-A-1427C).
Other Precautions:N/P. HMIS: DO NOT MIX WITH OTHER CHEMCALS SUCH AS
TOILET BOWL CLEANERS OR PRODUCTS CONTAINING VINEGAR OR AMMONIA.

===== Exposure Controls/Personal Protection =====

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 PROLO
NGED 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.

===== Physical/Chemical Properties =====

HCC:B3
Boiling Pt.=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 LIQ

UID WITH CHLORINE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

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.

Stability Condition to Avoid: STABLE UNDER NORMAL USE AND STORAGE CONDITIONS.

Hazardous Decomposition Products: CHLORINE AND OTHER CHLORINATED SPECIES.

===== Toxicological Information =====

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.

===== Disposal Considerations =====

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.

===== MSDS Transport Information =====

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.

===== Regulatory Information =====

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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