

CLOROX CO THE HEADQUARTERS -- CLOROX GERMICIDAL BLEACH -- 6810-00-598-7316

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

Product ID:CLOROX GERMICIDAL BLEACH

MSDS Date:10/01/2000

FSC:6810

NIIN:00-598-7316

Status Code:A

MSDS Number: CKVJQ

=== 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:THE CHLOROX COMPANY

Address:7200 JOHNSON DRIVE

Box:City:PLEASANTON

State:CA

ZIP:94566

Country:US

CAGE:JO846

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM HYPOCHLORITE

CAS:7681-52-9

RTECS #:NH3486300

= Wt:5.25

EPA Rpt Qty:100 LBS

DOT Rpt Qty:1

00 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES 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 O R OSHA CARCINOGEN LIST.

Effects 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 Meas  
ures =====

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.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:NOT FLAMMABLE OR EXPLO  
SIVE.

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

Unusual 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.

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===== 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 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.

===== 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 LIQUID 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 SUBJECT

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===== 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, A LUMINUM 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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