

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:510-271-70  
00  
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:7681-5

2-9  
RTECS #:NH3486300  
= Wt:5.25  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 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:NO  
NE 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 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 O  
BSTRUCTIVE LING DISEASE.

===== First Aid Measures =====

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 =====

Fla  
sh 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.  
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 W

ASTE 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  
E 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 HAZARDOU

S 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 C  
LOROX 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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek

competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.