

CLOROX CO THE HEADQUARTERS -- LIQUID-PLUMR -- 6850-01-026-0107

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

Product ID:LIQUID-PLUMR

MSDS Date:10/01/1989

FSC:6850

NIIN:01-026-0107

MSDS Number: BWZMB

=== Responsible Party ===

Company Name:CLOROX CO THE HEADQUARTERS

Address:1221 BROADWAY

Box:24305

City:OAKLAND

State:CA

ZIP:94623

Country:US

Info Phone Num:510-271-7000 / FAX 510-832-1463

Emergency Phone Num:510-271-7000

CAGE:93098

=== Contractor Identification ===

Company Name:

Company Name:BSD INTL CO

Address:23391 MULLHOLLAND DR SUITE 470

Box:City:WOODLAND HILLS

State:CA

ZIP:91364

Country:US

Phone:818-776-7677

CAGE:01NV1

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

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

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 0.5-2.0%

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 929

3

EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM HYPOCHLORITE (SARA III)  
CAS:7681-52-9  
RTECS #:NH3486300  
Fraction by Wt: 5-10%  
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:CORROSIVE TO THE EYES. HARMFUL IF  
SWALLOWED.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effect  
s of Overexposure:NAUSEA, VOMITING AND BURNING SENSATION OF THE  
MOUTH AND THROAT.  
Medical Cond Aggravated by Exposure:THE FOLLOWING MEDICAL CONDITIONS  
MAY BE AGGRAVATED BY EXPOSURE TO HIGH CONCENTRATIONS: HEART  
CONDITIONS OR CHRONIC RESPIRATORY PROBLEMS SUCH AS ASTHMA, CHRONIC  
BRONCHITIS OR OBSTRUCTIVE LUNG DISEASE.

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

First Aid:EYE-IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. SEE A  
PHYSICIAN. INGESTION-  
DRINK A GLASSFUL OF WATER. DO NOT INDUCE  
VOMITING. EVALUATION BY A DOCTOR IS NECESSARY. SKIN-REMOVE  
CONTAMINATED CLOTHI NG AND WASH EXPOSED AREA WITH WATER.  
INHALATION-REMOVE FROM EXPOSURE.

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

Flash Point:NOT FLAMMABLE  
Extinguishing Media:NOT FLAMMABLE.  
Fire Fighting Procedures:COOL CONTAINERS DURING FIRE TO PREVENT RUPTURE  
AND RELEASE OF SODIUM CHLORATE.  
Unusual Fire/Explosion Hazard:NOT EXPLOSIVE.

=====

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

Spill Release Procedures:SMALL QUANTITIES OF LESS THAN 5 GALLONS MAY BE FLUSHED DOWN DRAIN. FOR LARGER QUANTITIES WIPE UP WITH AN ABSORBENT MATERIAL OR MOP AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION S.

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

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID ALL SPLASHING; PARTICULARLY IN EYES, ONSKIN AND CLOTHING.  
KEEP

CHILDREN AWAY FROM BASINS CONTAINING LIQUID-PLUMR.

Other Precautions:DO NOT USE PLUNGER WITH LIQUID-PLUMR. DO NOT USE LIQUID-PLUMR WITH AMMONIA, TOLIET BOWL CLEANERS OR OTHER DRAIN OPENERS. DO NOT REUSE EMPTY CONTAINER. RINSE CONTAINER AND REPLACE CAP BEFORE DISCARDING .

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO VAPORS.

Protective Glo

ves:WEAR GLOVES.

Eye Protection:WEAR SAFETY GLASSES.

Other Protective Equipment:THE AVAILABILITY OF AN EYE WASH AND SHOWER IS RECOMMENDED IN A MANUFACTURING ENVIRONMENT.

Work Hygienic Practices:AVOID EYE AND SKIN CONTACT AND INHALATION OF VAPOR OR MIST.

Supplemental Safety and Health

NONE

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

HCC:B1

Boiling Pt:B.P. Text:121F,49C

Spec Gravity:1.09

pH:13.2

Solubility in Water:COMPLETE

Appearance and Odor:A CLEAR ALKALINE LI

## QUID WITH A CHLORINE ODOR

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

Stability Indicator/Materials to Avoid: YES

REACTS WITH OTHER HOUSEHOLD CHEMICALS SUCH AS TOILET BOWL CLEANERS,  
AMMONIA OR OTHER DRAIN CLEANERS.

Stability Condition to Avoid: EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products: SUCH AS CHLORINE AND OTHER CHLORINATED  
SPECIES.

### ===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF COLLECTED  
MATERIAL IN ACCORDANCE WITH  
LOCAL, STATE AND FEDERAL REGULATIONS.

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.