

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:51

0-271-7000

CAGE:93098

=== Contractor Identification ===

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

F

fraction by Wt: 0.5-2.0%
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
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
S

WALLOWED.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects 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 CLOTHING 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 CHL

ORATE.

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 G

ENERAL VENTILATION TO MINIMIZE EXPOSURE TO VAPORS.

Protective Gloves: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

Sol

ubility in Water:COMPLETE

Appearance and Odor:A CLEAR ALKALINE LIQUID 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.