

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: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

Fr

action 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
SW
ALLOWED.
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 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 CHLO

RATE.
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. AVOI
D

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 GE
NERAL 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

Solu

bility 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 ==

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

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