

CAPTREE CHEMICAL CO. -- LIQUID CAUSTIC SODA,50% -- 6810-01-051-3050

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

Product ID:LIQUID CAUSTIC SODA,50%

MSDS Date:01/01/1987

FSC:6810

NIIN:01-051-3050

MSDS Number: BGJCG

=== Responsible Party ===

Company Name:CAPTREE CHEMICAL CO.

Address:445 WINDING RD

City:OLD BETHPAGE

State:NY

ZIP:11804

Country:US

Info Phone Num:516-752-9808

Emergency Phone Num:516-752-9808

CAGE

:1U973

=== Contractor Identification ===

Company Name:CAPTREE CHEMICAL CORP.

Address:32-B NANCY STREET

Box:City:WEST BABYLON

State:NY

ZIP:11704

Country:US

Phone:516-491-7400

CAGE:1U973

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

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 50%

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

===

Health Hazards Acute and Chronic:EYE-SEVERE BURNS;SML QTY CAN RESULT IN PERM DAMAGE/SIGHT LOSS. SKIN-BURNS,DEEP ULCERATION,ULTIMATE SCARRING-DESTROYS TISSUE,MIST-DERMATITIS. INHAL-CAN RANGE FM MILD IRRIT OF MUCOUS MEMBRANES TO SEVERE PNEUMONITIS. INGEST-CAN CAUSE SERIOUS DAMAGE TO MOUTH,ESOPHAGUS, STOMACH,OTHER TISSUES, CAN BE FATAL.

Effects of Overexposure:SEE HEALTH HAZARDS

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

First Aid:EYES-FLUSH W/WATER 15 MIN;SEE PHYSICIAN. SKIN-REMOVE CONTAM CLOTH,SHOES;IMMED FLUSH W/WATER-CONTINUE TIL SLICK FEELING IS GONE. INHAL-GET TO FRESH AIR;GIVE ARTIFI RESPIR IF REQD;CALL PHYSICIAN. INGEST -IF CONSCIOUS GIVE QT WATER;DO NOT INDUCE VOMIT. IMMED TAKE TO PHYS/HOSPITAL.

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

Flash Point:NONE
Unusual Fire/Explosion Hazard:CONTACT W/SOME METALS,PARTICULARLY MAGNESIUM ALUMINUM & GALVAN ZINC CAN GENERATE HYDROGEN RAP IDLY,WHICH IS EXPLOSIVE.

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

Spill Release Procedures:DIKE AREA TO CONTAIN SPILL. PERMIT ONLY TRAINED PERS W/PROPER PROTECT EQUIP IN AREA. RECLAIM IF POSS OR DILUTE SPL W/WATER & NEUTRALIZE W/DILUTE ACID. USE VACUUM TRUCK TO PICK UP NEUT MATL FOR DISPOS AFTER ALL VIS TRACES REMOVED,FLUSH AREAW/WATER.

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

Handling and Storage Precautions:DO NOT GET I N EYES,ON SKIN,OR CLOTHING. AVOID BREATHING MIST. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:FOR MIST CONC >TLV-NIOSH/MSHA-APPRD MECH FILTER TYPE./IAW 29CFR 1910.134
Ventilation:LOCAL EXHAUST
Protective Gloves:PVC OR RUBBER
Eye Protection:CHEM SAFETY GOGGLES W/FACE SHIELD
Other Protective Equipment:RUBBER BOOTS W/SAFETY TOES;RUBBER APRON,PVC CLOTHING,PLASTIC HARD HAT;EYE WASH

FOUNTAIN & SAFETY SHOWER.
Supplemental Safety and Health

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

HCC:B1
Boiling Pt:B.P. Text:288F,142C
Melt/Freeze Pt:M.P/F.P Text:45.0F,7.2C
Vapor Pres:< 1
Spec Gravity:1.530
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR TO SLIGHTLY TURBID, ODORLESS LIQUID.
Percent Volatiles by Volume:50

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

Stability Indicator/Materials to Avoid:YES
ORGANIC MATLS & CONC ACI
DS,METALS LIKE MAGNESIUM,ZINC,
TIN,CHROMIUM,BRASS,BRONZE
Hazardous Decomposition Products:REACTION W/FOOD SUGARS MAY FORM CARBON
MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:USE APPROVED HAZ WASTE FACILITY. USE CARE TO
PREVENT ENVIR CONTAM. COMPLY W/ALL FED,STATE & LOCAL LAWS & REGS.

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.