

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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

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Hazards Identification  
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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; IMMEDIATELY FLUSH W/WATER-CONTINUE TIL SLICK FEELING IS GONE. INHAL-GET TO FRESH AIR; GIVE ARTIFICIAL RESPIR IF REQD; CALL PHYSICIAN. INGEST -IF CONSCIOUS GIVE QT WATER; DO NOT INDUCE VOMIT. IMMEDIATELY TAKE TO PHYS/HOSPITAL.

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

Flash Point: NONE  
Unusual Fire/Explosion Hazard: CONTACT W/SOME METALS, PARTICULARLY MAGNESIUM ALUMINUM & GALVANIC ZINC CAN GENERATE HYDROGEN RAPIDLY, 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 AREA W/WATER.

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

Handling and Storage Precautions: DO NOT GET IN 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.

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