

BARTLETT CHEMICALS -- CAUSTIC SODA LIQUID (ALL GRADES) -- 6810-01-051-3050

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

Product ID:CAUSTIC SODA LIQUID (ALL GRADES)

MSDS Date:12/30/1993

FSC:6810

NIIN:01-051-3050

MSDS Number: BTQZP

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Info Phone Num:504-734-1971

Emergency Phone

Num:504-734-1971

CAGE:1V771

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 48-91%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 9-52%

Other REC Limits:NONE

RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CHLORIDE  
CAS:7647-14-5  
RTECS #:VZ4725000  
Fraction by Wt: 0-1.3%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM CHLORATE  
CAS:7775-09-9  
RTECS #:FO0525000  
Fraction by Wt: 0-0.3%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE CONTACT: CAUSES SEVERE BURNS THAT RESULT IN DAMAGE AND POSSIBLY BLINDNESS. SKIN: CONTACT PRODUCES SEVERE BURNS AND DESTROYS TISSUES. IRRITATION MAY BE DELAYED. INHALATION: BREATHING DUST, MIST OR SPRAY MAY CAUSE DAMAGE TO THE UPPER RESPIRATORY SYSTEM. INGESTION: CAUSES SEVERE BURNS TO MUCOUS MEMBRANES.  
Explanation of Carcinogenicity:NO DATA AVAILABLE  
Effects of Overexposure:C  
CORROSIVE TO ALL BODY TISSUES BY ALL ROUTES OF EXPOSURE. DERMAL EXPOSURE MAY CONSIST OF MULTIPLE AREAS OF DERMATITIS. SIMILARLY, INHALATION OF DUST, SPRAY OR MIST MAY RESULT IN VARYING DEGREES OF IRRITATION OR DAMAGE TO THE RESPIRATORY TRACT TISSUES AND INCREASED SUSCEPTIBILITY TO RESPIRATORY ILLNESS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH LAR

GE AMOUNTS OF WATER FOR 15

MINUTES. IMMEDIATELY GET MEDICAL ATTENTION. SKIN: IMMEDIATELY WASH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMED.

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

Flash Point:NONE

Extinguishing Media:

THIS PRODUCT IS NOT COMBUSTIBLE. FOAM, CARBON

DIOXIDE OR DRY CHEMICAL MAY BE USED WHERE THIS PRODUCT IS STORED.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING. AVOID DIRECT CONTACT OF THIS PRODUCT WITH WATER AS THIS CAN CAUSE A VIOLENT EXOTHERMIC REACTION.

Unusual Fire/Explosion Hazard:DIRECT CONTACT WITH WATER CAN CAUSE A VIOLENT EXOTHERMIC REACTION.

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

Spill Release Procedures:LEAKS SHOULD BE STOPPED. SPILLS SHOULD BE

CONTAINED AND CLEANED UP IMMEDIATELY. SPILLS SHOULD BE REMOVED BY USING A VACUUM TRUCK. NEUTRALIZE REMAINING TRACES OF MATERIAL WITH ANY DILUTE INORGANIC ACID SUCH AS HYDROCHLORIC, ACETIC, SULFURICACID.

Neutralizing Agent:DILUTE INORGANIC ACIDS

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

Handling and Storage Precautions:PREVENT EYE & SKIN CONTACT.DO NOT BREATHE DUSTS OR MISTS.AVOID STORING NEXT TO STRONG ACIDS.DISSOLVING IN WATER

& OTHER SUBSTANCES GENERATES EXC.HEAT.

Other Precautions:DISSOLVING IN WATER GENERATES SPATTERING,AND MISTS. SOLUTIONS OF GREATER THAN 45% ARE VISCOUS & VERY SLIPPERY. KEEP CONTAINER CLOSED WHEN NOT BEEN USED.

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

Respiratory Protection:RESPIRATORY PROTECTION IS NOT REQUIRED UNDER NORMAL USE. USE NIOSH/MSHA APPROVED RESPIRATORS WHERE DUST, MIST, OR SPRAY MAY BE GENERATED.

Ventilation:SPECIAL VENTILATION IS NOT REQU

USED UNDER NORMAL USE. USE

LOCAL EXHAUST VENTILATION WHERE DUST, MIST, OR SPRAY GENERATE.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:FULL PROTECTIVE CLOTHING,EYE-WASH  
FACILITIES, SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN: DO NOT  
BREATHE VAPORS/MIST.USE FULL PROTECTION.

Supplemental Safety and Health

ALWAYS EMPTY AND CLEAN CONTAINERS OF ALL RESIDUES BEFORE ADDING  
PRODUCT, TO AVOID POSSIBLE EXPLOSIVE  
REACTION BETWEEN PRODUCT AND  
UNKNOWN RESIDUE.

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

HCC:B1

Boiling Pt:=143.9C, 291.F

Vapor Pres:13 @ 60C

Spec Gravity:1.53

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID WITH NO DISTINCT ODOR.

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

Stability Indicator/Materials to Avoid:YES

WATER, ALUMINUM, TIN, ZINC, AND ALLOYS CONTAINING THESE METALS. DO NOT  
MIX WITH STRONG ACIDS WITHOUT DILU  
TION.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSAL OF CAUSTIC SODA MUST MEET ALL FEDERAL,  
STATE & LOCAL REGULATIONS. APPROPRIATE DISPOSAL WILL DEPEND ON THE  
NATURE OF EACH WASTE MATERIAL AND SHOULD BE PERFORMED BY COMPETENT  
AND PROPERLY PERMITTED CONTRACTORS.

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