

CHEMTECH INDUSTRIES,INC. -- LIQUID CAUSTIC POTASH,PART A,(ONE OF FOUR ITEMS) --
1420-00-627-2131

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

Product ID:LIQUID CAUSTIC POTASH,PART A,(ONE OF FOUR ITEMS)

MSDS Date:11/01/1983

FSC:1420

NIIN:00-627-2131

MSDS Number: BYXKD

=== Responsible Party ===

Company Name:CHEMTECH INDUSTRIES,INC.

Address:1655 BES PERES RD

Box:31000

City:SAINT LOUIS

State:MO

ZIP:63131

Countr

y:US

Info Phone Num:314-966-9900

Emergency Phone Num:314-966-9900

Preparer's Name:NONE

CAGE:56894

=== Contractor Identification ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Phone:314-966-9934

CAGE:56894

Company Name:EAGLE-PICHER INDUSTRIES, INC.

Address:C AND PORTER STS

Box:47

City:JOPLIN

State:MO

ZIP:64801

Country:US

Phone:417-623-8000

CAGE:81855

Company Name:HUGHES AIRCRAFT CO RADAR SYST

EMS GROUP
Address:BLDG C1 MS A142
Box:92426
City:LOS ANGELES
State:CA
ZIP:90009
Country:US
Phone:213-568-7200
CAGE:82577

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

Ingred Name:POTASSIUM HYDROXIDE (CERCLA), (ESTIMATED KOH=7 OZ/BATTERY)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 48%(VOL)
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

=====
===== 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:ACUTE: EYES: SEVERE BURNS. SKIN:
SEVERE BURNS. INHALATION: DUST AND MISTS CORROSIVE TO RESPIRATORY
SYSTEM. INGESTION: CORROSIVE TO MOUTH, THROAT, AND DIGESTIVE TRACT.
CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION,
ON, CHEMICAL BURNS. SKIN:
IRRITATION, CHEMICAL BURNS. INHALATION: SEVERE IRRITATION.
INGESTION. SEVERE IRRITATION AND CHEMICAL BURNS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES/SKIN: FLUSH WITH LARGE AMOUNTS OF WATER. DO NOT
NEUTRALIZE. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED
CLOTHING. INHALATION: MOVE TO FRESH AIR. SUPPORT BREATHING AS
NEEDED. GET MEDICAL A

TTENTION. INGESTION: GIVE LARGE QUANTITIES OF WATER, IF AVAILABLE, 1 PART VINEGAR TO 1 PART WATER OR FRUIT JUICE. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:NON-FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:HOT OR MOLTEN MATERIAL WILL REACT VIOLENTLY WITH WATER LIBERATING HEAT AND CAUSING SPLASHING.

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

Spill Release Procedures:SHOVEL UP AND CONTAINERIZE MATERIAL, FOLLOWED BY FLUSHING WITH LARGE AMOUNTS OF WATER AND DILUTE ACID. AN APPLICATION OF SODIUM BICARBONATE WILL NEUTRALIZE FINAL TRACES OF CAUSTIC SODA.

Neutralizing Agent:SODIUM BICARBONATE.

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN, OR ON

CLOTHING. AVOID BREATHING DUST OR MIST. DO NOT TAKE INTERNALLY.

Other Precautions:WHEN HANDLING, WEAR GOGGLES, FACE SHIELD, RUBBER GLOVES, APRON, AND PROTECTIVE CLOTHING. WHEN DILUTING CAUSTIC POTASH, ADD IT TO WATER WITH AGITATION TO AVOID SPLATTERING AND EXCESSIVE HEAT GENERATION .

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

Respiratory Protection:WEAR NIOSH APPROVED RESPIRATOR FOR DUST AND MIST.

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST TO MAINTAIN AIR

CONCENTRATION BELOW 2 MG/M3.

Protective Gloves:RUBBER, PVC, OR NEOPRENE RECOMMENDED.

Eye Protection:CHEMICAL SAFETY GOGGLES RECOMMENDED.

Other Protective Equipment:RUBBER BOOTS AND APRONS. PROVIDE EYE WASH STATION AND SAFETY SHOWER IN AREAS WHERE CAUSTIC SODA IS BEING HANDLED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THIS ITEM IS NOT PART OF A KIT. T

HIS ENTRY DESCRIBES ONE OF THE FOUR
ITEMS THAT MAKE-UP THE "BATTERY,EXPLOSIVE" SPECIFIED IN NSN
1420-00-627-2131. SEE THIS SAME NSN, P/N IND'S C, D, AND E, FOR
DATA ON THE OTHER THREE ITEMS. ESTIMATED CALCULATED HAZARDOUS
MATERIAL (TOTAL FOR ALL FOUR ITEMS, P/N A,B,C,D)IN BATTERY=5 LBS.

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

HCC:B1
Boiling Pt:=133.C, 271.4F
Vapor Pres:39
Spec Gravity:1.45
pH:BASIC
Solubility in Water:COMPLETE
Appearance and Odor:P
RACTICALLY ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
ALUMINUM, TIN, LEAD, ZINC, AND THEIR ALLOYS. ALL ACIDS, LEATHER, AND
WOOL.
Stability Condition to Avoid:NONE.
Hazardous Decomposition Products:NONE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS REGARDING HEALTH AND POLLUTION.

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.