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

1420-00-627-2131

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 v: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

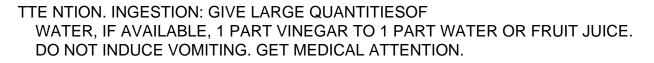
EMS GROUP Address:BLDG C1 MS A142 Box:92426 City:LOS ANGELES State:CA ZIP:90009 Country:US Phone:213-568-7200 CAGE:82577 ======= Composition/Information on Ingredients ========= Ingred Name:POTASSIUM HYDROXIDE (CERCLA), (ESTIMATED KOH=7 OZ/BATTERY) CAS:1310-58-3 RTECS #:TT2100000 Fraction by Wt: 48%(VOL) 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 MANUFA CTURER. **Explanation of Carcinogenicity:NONE** Effects of Overexposure: EYES: IRRITATI 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: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



============ 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 LIBER

ATING 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 REGU

LATIONS REGARDING HEALTH AND POLLUTION.

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