

CAUSTIC POTASH LIQUOR

MSDS Number

BBCPK

National Stock Number

6140-00D000381

Product Name

CAUSTIC POTASH LIQUOR

Manufacturer

NIFE INCORPORATED

Product Identification

Product ID:CAUSTIC POTASH LIQUOR

MSDS Date:01/01/1985

FSC:6140

NIIN:00D000381

MSDS Number: BBCPK

Responsible Party

NIFE INCORPORATED

GEORGE WASHINGTON HWY AND PAULINE DR

LINCOLN , RI 02865

US

Cage: DO970

Contractor

NIFE INCORPORATED

100

LINCOLN, RI 02865

US

Cage: DO970

Ingredients

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 20.0%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 80.0%

Hazards

Effects of Overexposure:MAY CAUSE SEVERE BURNS TO SKIN.SEVERE DAMAGE TO

EYES;DAMAGE TISSUE,DAMMAGE TO RESPIRATORY TRACT.

First Aid

First Aid:FLUSH SKIN W/LARGE AMOUNTS OF WATER.CONTINUE WASHING UP TO 1-2 HRS OR UNTIL MEDICAL HELP ARRIVES.IRRIGE EYES IMMEDIATELY W/COPIOUS AMTS OF WATER FOR AT LEAST 15-30 MIN.GET DOCTOR TREATMENT AT ONCE EYE S,SKIN BURNS,WHEN INGESTED,INHALED.

Accidental Release

Spill Release Procedures:DILUTE & FLUSH AWAY WITH LOTS OF WATER.DILUTE ACID,PREFERABLE ACETIC ACID,MAY BE USED TO NEUTRALIZE FINAL TRACES AFTER FLUSHING.USE CARE AS HEAT IS GENERATED IN DILUTING & NEUTRALIZING.LIBERAL COVERIN G OF SODIUM BICARBONATE MAY BE USED TO REMOVE CSTC

Handling

Handling and Storage Precautions:AVOID ADDING HOT WATER TO CAUSTIC.IN DILUTING,ADD CAUSTIC CAREFULLY TO WATER WITH STIRRING AS HEAT IS EVOLVED.

Other Precautions:WILL RELEASE FLAMMABLE HYDROGEN GAS WHEN IN CONTACT WITH ALUMINUM,TIN,ZINC,& THEIR ALLOYS.CAN REACT VIOLENTLY WITH SOME ORGANIC CHEMICALS INCLUDING CHLORINATED HYDROCARBONS SUCH AS TRICHLOROET

Exposure Controls

Respiratory Protection:FILTER TYPE FOR PROTECTION AGAINST MISTS.

Ventilation:LOCAL EXHAUST AS NECESSARY TO ELIMINATE MISTS.

Protective Gloves:RUBBER,VINYL.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:FACE SHIELD,HARD HATS,RUBBER

APRONS,SHOES,PROTECTIVE CLOTHG.

Supplemental Safety and Health

OTHER PRECAUTIONS (CONTD):HYLENE.

Chemical Properties

HCC:C2

Boiling Pt:B.P. Text:225F

Vapor Pres:2-5

Spec Gravity:1.20

Solubility in Water:COMPLETE

Appearance and Odor:WATER WHITE TO SLIGHTLY COLORED WITH SL.TURB;NO OD

Stability

Stability Indicator/Materials to Avoid:YES

AL,ZN,SN,ORGANIC CHEMICALS,INCLUDING CHLORINATED HYDROCARBON

Disposal

Waste Disposal Methods:NEUTRALIZE WITH DILUTE ACID,DILUTE WELL WITH WATER & FLUSH TO SEWER WITH PLENTY OF WATER IF PERMITTED BY DISPOSAL REGULATIONS.

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