

SOBIN CHEMICALS,INC. -- CAUSTIC POTASH -- 6140-00-712-3051

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

Product ID:CAUSTIC POTASH

MSDS Date:01/01/1985

FSC:6140

NIIN:00-712-3051

MSDS Number: BFMCC

=== Responsible Party ===

Company Name:SOBIN CHEMICALS,INC.

Emergency Phone Num:617-268-5100

CAGE:OO277

=== Contractor Identification ===

Company Name:SOBIN CHEMICALS, INC.

Box:831359

Phone:617/268-5100

CAGE:OO277

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 47.5%

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 50-55%

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

Effects of Overexposure:EYES,SKIN,MUCOUS MEMBRANES;SEVERE & RAPID
BURNS;INHALE:SHORT BREATH;I

INGEST:PAIN,VOMITING,DEATH.

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

First Aid:EYES,SKIN,MUCOUS MEMBRANES:FLUSH W LG AMTS H*2O AT LEAST 15 MIN;INHALE:REMOVE TO FRESH AIR,REST;INGEST:RINSE MOUTH, GIVE H*2O.IMMEDIATE MEDICAL ATTENTION REQUIRED FOR EYES,SKIN,INGEST,INHALE OR MUCOUS MEMBRANE EXPOSURE.

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

Extinguishing Media:NOT COMBUSTIBLE;USE MEDIA SUITABLE FOR SURROUNDING FIRE TYPE

Fir

e Fighting Procedures:WEAR SELF-CNTND BRTHG APP;MAY USE FLOODING QTY H*2O FOG.

Unusual Fire/Explosion Hazard:VAPORS, MISTS CORROSIVE,HARMFUL:H*2O SPRAY COOL CONT;FIRE CONTROL H*2O RUNOFF MAY CAUSE POLUTION.

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

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL.STOP LEAK IF POSSIBLE WITHOUT RISK.SM SP:ABSORB W COMMERCIAL ABSORBENT,PLACE IN CONTAINERS FOR DISPOSAL;LG SP:CONTAIN W DIKE, DILUTE & NEUTRALIZE FO

R DISPOSAL;RESIDUE MAY BE FLUSHED W LG QTY H*2O(SEE DISPOSAL MET)

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA.PROTECT FORM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:REFER TO MCA DATA SHEET SD-10 AND MANUAL SHEET TC-3

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

Respiratory Protection:IF EXPOSED TO MIST, WEAR SELF-CNTND BRTHG APP;NONE NEEDED NORMALLY.

Ventilation:NO SPECIAL REQUIREMENTS

Protective Gloves:NEOPRENE/GAUNTL

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:ACID TYPE SUIT/FULL PROTECTIVE/ IF CONTACT IS ANTICIPATED.

Supplemental Safety and Health

THE MFRS ADDRESS IS 52 SOBIN PARK,BOSTON,MASS 02210.MFGS DATA SUPPLIMENTED BY GENERIC DATA FOR FIRE,SAFETY,& DISPOSAL.COMMON NAME:POTASH LYE.

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

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HCC:B1

Boiling Pt:=144.4C, 292.F

Spec Gravity:1.45

Solubility in Water:COMPLETE

Appearance and Odor:VISCOUS,WATER WHITE LIQUID;HOT VAPORS:PUNGENT.

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

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY W ACIDS;CORRODES AL, ZN(FORMS HYDROGEN)

Stability Condition to Avoid:VAPOR GENERATION

Hazardous Decomposition Products:NONE NOTED BY MFG;HYDROGEN GAS FORMED
VIA CORROSION W AL,ZN

===== Disposal Con
siderations =====

Waste Disposal Methods:DISPOSE IN FULL ACCORD WITH APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGS.

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