

## **CAUSTIC,CAUSTIC SODA,LYE**

### **MSDS Number**

BBDRX

### **National Stock Number**

6850-00D001008

### **Product Name**

CAUSTIC,CAUSTIC SODA,LYE

### **Manufacturer**

HODES AND COMPANY

### **Product Identification**

Product ID:CAUSTIC,CAUSTIC SODA,LYE

MSDS Date:01/01/1987

FSC:6850

NIIN:00D001008

MSDS Number: BBDRX

### **Responsible Party**

HODES & COMPANY

Emergency Phone: (816)842-7795

Cage: 8N095

### **Contractor**

HODES & COMPANY

Cage: 8N095

### **Ingredients**

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

### **Hazards**

Effects of Overexposure:EYES:TISSUE

DAMAGE,BLINDNESS;SKIN:IRRIT,S.BURNS,SCARRING;INHAL:DESTRUCTIVE

BURNS PNEUMONITIS;ING:BUR

### **First Aid**

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

### **Fire Fighting**

Flash Point:NON FLAMMABLE

Extinguishing Media:USE ANY MEDIA FOR SURROUNDING FIRES.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA;ADDING WATER TO  
NAOH GIVES HEAT

Unusual Fire/Explosion Hazard:WILL REACT WITH SOME METALS,I.E.  
AL,SN,ZN,TO RELEASE FLAMMABLE HYDROGEN GAS.

### **Accidental Release**

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;COMPLETELY CONTAIN ALL SPILLED MATERIAL;DILUTE WITH WATER AND NEUTRALIZE WITH DILUTE HCL AND RECOVER FOR PROPER DISPOSAL.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY AREA.ADD WATER SLOWLY TO CONTROL THE LARGE AMOUNT OF HEAT GENERATED.  
Other Precautions:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE MIST/VAPORS;WASH THOROUGHLY AFTER EACH USE.DO NOT USE CONTAMINATED CLOTHES.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR MIST/VAPORS OR SCBA IF > TLV.  
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.  
Protective Gloves:NEOPRENE  
Eye Protection:GOGGLES/FACE SHIELD  
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION  
Supplemental Safety and Health  
MSDS DATED FEBRUARY 1983.

## Chemical Properties

HCC:C2  
Boiling Pt:B.P. Text:379F/193C  
Vapor Pres:6.3  
Spec Gravity:1.72  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS TO SLIGHTLY COLORED,ODORLESS LIQUID

## Stability

Stability Indicator/Materials to Avoid:YES  
ACIDS,FLAMMABLE LIQUIDS,ORGANIC COMPOUNDS  
Stability Condition to Avoid:HEAT  
Hazardous Decomposition Products:NONE

## Disposal

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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