

## **CAUSTIC POTASH SOLUTION**

### **MSDS Number**

BCSFV

### **National Stock Number**

6810-00N009356

### **Product Name**

CAUSTIC POTASH SOLUTION

### **Manufacturer**

MALLINCKRODT INC SCIENCE PRODUCTS DIV

### **Product Identification**

Product ID:CAUSTIC POTASH SOLUTION

MSDS Date:11/04/1985

FSC:6810

NIIN:00N009356

MSDS Number: BCSFV

### **Responsible Party**

MALLINCKRODT INC. SCIENCE PRODUCTS DIVISION

PARIS BYPASS

PARIS , KY 40361

Emergency Phone: 314 982 5000

Info Phone: 606 987 7000

Cage: 62910

### **Contractor**

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

### **Ingredients**

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALE:INHALATION OF MISTS ARE

CORROSIVE TO RESPIRATORY TRACT.INGEST:TOXIC AND CORROSIVE TO GI TRACT,MAY CAUSE PERFORATIONS,ABDOMINAL

PAIN,NAUSEA,VOMITING.SKIN:IRRITANT POSSIBLE CORROSIVE ON PROLONGED

CONTACT.EYE:CORROSIVE TO TISSUE.CHRONIC:DEVELOPMENT OF SKIN LESIONS ON PROLONGED CONTACT HAS BEEN REPORTED

Explanation of Carcinogenicity:NA

Effects of Overexposure:INHALE:NO ADVERSE EFFECTS EXPECTED,INHALATION OF MISTS ARE CORROSIVE TO RES.TRACT.INGEST:TOXIC AND CORROSIVE TO GI TRACT.MAY CAUSE PERFORATIONS.ABDOMINAL PAIN,NAUSEA,VOMITING.SKIN:IRR.POSSIBLY CORROSIVE ON PROLONGED CONTACT.EYE:CORROSIVE TO EYE TISSUE.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED KIDNEY,OR LIVER FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

## First Aid

First Aid:INHALE:REMOVE TO FRESH AIR GET MEDICAL ATTENTION. INGEST:DO NOT INDUCE VOMITING,GIVE LARGE QUANTITIES OF H<sub>2</sub>O,CALL A PHYSICIAN IMMEDIATELY. SKIN:REMOVE CONTAMINATED CLOTHING,WASH SKIN WITH PLENTY OF WATER,GET MEDICAL ATTENTION. EYE:WASH WITH PLENTY OF WATER FOR AT LEAST 15MIN,GET MEDICAL ATTENTION IMMEDIATELY.

## Fire Fighting

Flash Point:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.  
Fire Fighting Procedures:FULL PROTECTIVE CLOTHING AND NIOSH APPROVD SCBA WITH FULL FACE PIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:NONE LISTED BY MFG

## Accidental Release

Spill Release Procedures:FLOOR AND OTHER SURFACES MAY BE SLIPPERY,VENTILATE AREA CLEAN-UP PERSONNEL REQUIRE PROTECTIVE CLOTHING,CONTAIN AND RECOVER LIQUID.ABSORB WITH VERMICULATE,DRY SAND,EARTH, OR SIMILAR MATERIAL FOR DISPOSAL AS HZD WASTE IN A RCRA APPROVED FACILITY.

## Handling

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER,STORE IN A COOL,DRY,VENTILATED AREA.PROTECT FROM PHYSICAL DAMAGE,SEPARATE FROM INCOMPATIBLES,KEEP FROM FREEZING.

## Exposure Controls

Respiratory Protection:NOT EXPECTED TO REQUIRE PERSONAL RESPIRATOR USAGE.(MFG) USE NIOSH/MSHA APPROVED RESPIRATOR FOR EXPOSURE OF CONCERN  
Ventilation:DILUTION VENTILATION IS A SATISFACTORY HEALTH HZD CONTROL FOR THIS SUBSTANCE.  
Protective Gloves:RECOMMENDED  
Eye Protection:CHEMICAL WORKERS GOGGLES  
Other Protective Equipment:CLEAN BODY COVERING CLOTHING, MAINTAIN EYE WASH FOUNTAIN AND QUICK DRENCH FACILITIES IN WORK AREA.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:213F/101C  
Melt/Freeze Pt:M.P/F.P Text:27F/3C  
Solubility in Water:COMPLETELY  
Appearance and Odor:CLEAR,COLORLESS LIQUID,ODORLESS

## Stability

Stability Indicator/Materials to Avoid:YES  
ACIDS,ALUMINUM,TIN,ZINC,METAL  
Stability Condition to Avoid:NONE LISTED BY MFG  
Hazardous Decomposition Products:POTASSIUM OXIDE AT HIGH TEMPERATURES.  
Conditions to Avoid Polymerization:DOES NOT OCCUR (MFG)

## Disposal

Waste Disposal Methods:ENSURE COMPLIANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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