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## **POTASSIUM HYDROXIDE, 45% SOLUTION**

### **MSDS Number**

BBDKX

### **National Stock Number**

6810-00D000845

### **Product Name**

POTASSIUM HYDROXIDE, 45% SOLUTION

### **Manufacturer**

J T BAKER CHEMICAL CO

### **Product Identification**

Product ID: POTASSIUM HYDROXIDE, 45% SOLUTION

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00D000845

MSDS Number: BBDKX

### **Responsible Party**

J.T.BAKER CHEMICAL CO

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 201-859-2151

Info Phone: 201-859-2151

Cage: DO870

### **Contractor**

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

### **Ingredients**

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 45.0%

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

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 55.0%

## Hazards

Effects of Overexposure:EYES/SKIN: CAUSES SEV IRRITN/BURNS MAY DAMAGE PERMANENTLY;INHAL:SEV IRRIT OF RESP TRACT.MAY BE HRMFL

## First Aid

First Aid:SKIN:WASH W.SOAP & H\*2O. EYES:FLUSH W. H\*2O. INGESTED:DON'T INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE  
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H\*20 SPRAY TO COOL CONTR.  
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

## Accidental Release

Spill Release Procedures:DO NOT TOUCH SPILLED MATL. ELIMINATE SOURCES. EXCLUDE UNPROTECTED PERSONS FROM AREA. SM SPILL:ABSORB W SAND,EARTH,OTHER ABSORB MATL,THEN FLUSH W H\*20. LG SPILL: STOP LEAK,DIKE FOR LATER DISPOSAL. CAREFULLY NEUTRALIZE W/DIL HCL.FLUSH AREA W/H\*20.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED  
Other Precautions:AVOID BREATHING VAPORS/MIST.USE WITH ADEQUATE VENTILATION.WASH THOROUGHLY AFTER HANDLING.

## Exposure Controls

Respiratory Protection:NONE SHOULD BE NEEDED. USE SCBA IF NEEDED  
Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION  
Protective Gloves:NEOPRENE  
Eye Protection:GOGGLES/FACE SHIELD  
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION  
Supplemental Safety and Health  
MSDS FROM J.T.BAKER DATED:10/08/85

## Chemical Properties

HCC:C2  
Boiling Pt:B.P. Text:271F/133C  
Vapor Pres:39  
Spec Gravity:1.44  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR SOLUTION,NO ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS  
Stability Condition to Avoid:AVOID MOISTURE CONDITIONS.  
Hazardous Decomposition Products:NOT KNOWN

## Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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