



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*2O. LG SPILL: STOP LEAK, DIKE FOR LATER DISPOSAL. CAREFULLY NEUTRALIZE W/DIL HCL. FLUSH AREA W/H*2O.

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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