

BARTLETT CHEMICALS -- POTASSIUM CARBONATE -- 6810-00-499-5825

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Product Identification  
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Product ID:POTASSIUM CARBONATE

MSDS Date:12/05/1993

FSC:6810

NIIN:00-499-5825

MSDS Number: BSHKC

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Info Phone Num:504-734-1971/800-256-2436

Emergency Phone Num:504-734-1971/800-4

24-9300(CHEMTREC)

CAGE:1V771

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 0- 0.04%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

In

gred Name:POTASSIUM CARBONATE  
CAS:584-08-7  
RTECS #:TS7750000  
Fraction by Wt: 46 - 48%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 52 - 54%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 1870 MG/KG.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- IF D

UST/MIST IS INHALED, MAY

DAMAGE UPPER RESPIRATORY TRACT & EVEN LUNGS. SEVERELY IRRITATING &  
MAY CAUSE TISSUE DESTRUCTION IF NOT PROMPTLY REMOVED.

REPEATED/PROLONGED SKIN CONTACT MAY CAUSE T ISSUE DESTRUCTION. MAY  
BE SEVERELY IRRITATING TO MUCOUS MEMBRANES OF MOUTH, THRAOT,  
STOMACH. CHRONIC- NONE KNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION OF ALL BODY TISSUE WITH WHICH IT  
COMES IN CONTACT

Medical Cond Aggravated by Exposure:PERSONS WITH PR  
E-EXISTING SKIN

DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE  
MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:GET MEDICAL CARE IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH PLENTY  
OF WATER. ORAL:IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER/MILK. DO  
NOT I

NDUCE VOMITING. CALL PHYSICIAN. IF VOMITING OCCURS  
SPONTANEOUSLY, KEEP AIRWAY CLEAR.

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

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measur

es =====

Spill Release Procedures:CONTAIN SPILLS OR RELEASES. PREVENT DISCHARGES TO STREAMS OR SEWER SYSTEMS. REPORT SPILLS IF REQUIRED. COLLECT FOR DISPOSAL.

Neutralizing Agent:WEAK ACID

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

Handling and Storage Precautions:STORE ABOVE FREEZING POINT, 8F (-13C). KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. DO NOT GENERATE MISTS. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE A NIOSH-APPROVED RESPIRATOR.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

Protective Gloves:NATURAL RUBBER

Eye Protection:SAFETY GOGGLES OR FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:244F,118C

Melt/Freeze Pt:M.P/F.P Text:9F,-13C

Spec Gravity:1.490

pH:11.0

Solubility in Water:100%

Appearance and Odor:CLEAR, WATER WHITE SOLUTI

ON - NO DISTINCT ODOR  
Percent Volatiles by Volume:>50

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

Stability Indicator/Materials to Avoid:YES

ACIDS, LIME DUST

Stability Condition to Avoid:EXCESSIVE HEAT. UNDER NORMAL CONDITIONS,  
THIS MATERIAL IS STABLE.

Hazardous Decomposition Products:TOXIC OXIDES OF CARBON

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL  
APPLICABLE FEDERAL,  
STATE AND LOCAL LAWS AND REGULATIONS.

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