

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

=====
Product Identification
=====

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-

424-9300(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

=====
Composition/Information on Ingredients
=====

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

ingred 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
DUST/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 P
RE-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
INDUCE 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 Measu

res =====

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 SOLUT

ION - 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of th
is information to their
particular situation.