

ALDRICH CHEMICAL CO INC -- POTASSIUM CARBONATE, 99+% ACS REAGENT -- 6810-00-227-0405

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

Product ID:POTASSIUM CARBONATE, 99+% ACS REAGENT

MSDS Date:01/10/1991

FSC:6810

NIIN:00-227-0405

MSDS Number: BNKKH

=== Responsible Party ===

Company Name:ALDRICH CHEMICAL CO INC

Address:1001 W ST PAUL AVE

Box:2060

City:MILWAUKEE

State:WI

ZIP:53201

Country:US

Info Phone Num:(414) 273-3850

Emergency Phone Num:(414) 273-3850

CAGE:60928

=== Contr

actor Identification ===

Company Name:ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:60928

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

Ingred Name:POTASSIUM CARBONATE, POTASH, PEARL ASH

CAS:584-08-7

RTECS #:TS7750000

Fraction by Wt: >99%

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 1870 MG/KG

Routes of Entry: Inhalation:YES S

kin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION: HARMFUL. INHALATION:
HARMFUL, MUCOUS MEMBRANE & UPPER RESPIRATORY TRACT IRRITATION.
SKIN: ABSORPTION, HARMFUL, & IRRITATION. EYES: IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INGESTION: HARMFUL. INHALATION: HARMFUL, MUCOUS
MEMBRANE, & UPPER RESPIRATORY TRACT IRRITATION. SKIN: ABSORPTION,
HARMFUL, & IRRITATION. EYES: IRRITATION.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:
WASH W/SOAP & PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR. IF
BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. INGESTION: WASH OUT MOUTH W/WATER PROVIDED
PERSON IS CONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER
R SPRAY, CO2, DRY CHEMICAL POWDER, ALCOHOL, OR
POLYMER FOAM
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR RESPIRATOR & PROTECTIVE EQUIPMENT. SWEEP
UP, PLACE IN BAG/HOLD FOR DISPOSAL. AVOID RAISING DUST. VENTILATE
AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE. MATERIAL IS
HYGROSCOPIC. KEEP CONTAINER CLOSED.
Other Precautions:DON'T GET IN EYES, ON SKIN, OR ON CLOTHING. DON'T
BREATHE DUST.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR
Ventilation:MECHANICAL EXHAUST REQUIRED
Protective Gloves:HEAVY RUBBER/COMPATIBLE CHEMICAL RESIS.
Eye Protection

ction:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:RUBBER BOOTS
Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.
WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F.P Text:1635.8F
Spec Gravity:2.290
Appearance and Odor:WHITE GRANULAR POWDER

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

Stability Indicator/Materials to Avoid:YES
STRONG OXI
DIZING AGENTS & ACID
Stability Condition to Avoid:MOISTURE
Hazardous Decomposition Products:TOXIC FUMES OF CO, & CO2

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

Waste Disposal Methods:DISSOLVE OR MIX MATERIAL W/COMBUSTIBLE SOLVENT &
BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER.
DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

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