

ALDRICH CHEMICAL CO INC -- POTASSIUM CHLORIDE, 99+% ACS REAGENT -- 6810-00-264-6545

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Product Identification
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Product ID:POTASSIUM CHLORIDE, 99+% ACS REAGENT

MSDS Date:01/10/1991

FSC:6810

NIIN:00-264-6545

MSDS Number: BNKKK

=== 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) 27

3-3850

Emergency Phone Num:(414) 273-3850

CAGE:60928

=== Contractor 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

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM CHLORIDE

CAS:7447-40-7

RTECS #:TS8050000

Fraction by Wt: >99%

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT): 26

00 MG/KG

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: INHALATION: HARMFUL/CONVULSION/MUCOUS MEMBRANE & UPPER RESPIRATORY TRACT IRRITATION/COMA/CARDIAC ARRHYTHMIA/DYSPNOEA/LUNG/THORAX/RESPIRATION CHANGE/NAUSEA/VOMITING/CLOTTING FACTOR CHANGE. INGESTION: GASTROINTESTINAL IRRITATION/WEAKNESS/HARMFUL/CIRCULATORY DISORDERS. SKIN: ABSORPTION/HARMFUL/IRRITATION. EYES: IRRITATION.

Explanation

of Carcinogenicity: NONE

Effects of Overexposure: INHALATION: HARMFUL/CONVULSION/EFFECT OF SEIZURE THRESHOLD/CHANGE IN MOTOR ACTIVITY/COMA/CARDIAC ARRHYTHMIA/DYSPNOEA/LUNG/THORAX/RESPIRATION CHANGES/NAUSEA/VOMITING/CLOTTING FACTOR CHANGE. INGESTION: GASTROINTESTINAL IRRITATION/WEAKNESS/HARMFUL/CIRCULATORY DISORDERS. SKIN: ABSORPTION/HARMFUL/IRRITATION. EYES: IRRITATION.

===== 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 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 SCBA & PROTECTIVE EQUIPMENT. SWEEP UP, PLACE IN BAG/HOLD FOR DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP. FOR SMALL AMOUNTS, ADD TO LARGE STIRRED EXCESS OF WATER. ADJUST PH TO NEUTRAL. SEE SUPP.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY PLACE. KEEP TIGHTLY CLOSED. MATERIAL IS HYGROSCOPIC.

Other Precautions:DON'T GET IN EYES, ON SKIN, OR ON CLOTHING. DON'T BREATH DUST.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR

Ventilation:MECHANICAL EXHAUST REQUIRED

Protective Gloves:HEAVY RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equip

ment:RUBBER BOOTS, SAFETY SHOWER, EYE BATH, & PROTECTIVE CLOTHING

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SPILL & LEAK (CONT'D): SEPARATE ANY INSOLUBLE SOLIDS OR LIQUIDS & PACKAGE THEN FOR HAZARDOUS WASTE DISPOSAL. THE HYDROLYSIS & NEUTRALIZATION REACTIONS MAY GENERATE HEAT & FUMES WHICH CAN BE CONTROLLED BY THE RATE OF ADDITION.

===== Physical/Chemical Properties ==
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Melt/Freeze Pt:M.P/F.P Text:1418F

Spec Gravity:1.984

Appearance and Odor:WHITE CRYSTALS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS & ACID

Hazardous Decomposition Products:HYDROGEN CHLORIDE GAS

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

Waste Disposal Methods:FLUSH THE AQUEOUS SOLUTION DOWN THE DRAIN W/PLENTRY OF WATER IN ACCORDANCE W/FEDERAL, STATE, & LOCA

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REGULATIONS.

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