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MATERIAL SAFETY DATA SHEET POTASSIUM CHLORIDE

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Section 1 - Product and Company Identification POTASSIUM CHLORIDE

Product Identification: POTASSIUM CHLORIDE

Date of MSDS: 10/13/1989 **Technical Review Date:** 02/21/1995

FSC: 6810 NIIN: 00-136-1004

Submitter: D DG

Status Code: C

MFN: 01

Article: N

Kit Part: N

Manufacturer's Information

Manufacturer's Name: FISHER SCIENTIFIC, CHEMICAL DIV.

Post Office Box: N/K

Manufacturer's Address1: 1 REAGENT LANE

Manufacturer's Address2: FAIR LAWN, NJ 07410

Manufacturer's Country: US

General Information Telephone: 201-796-7100 OR 201-796-7523

Emergency Telephone: 201-796-7100/800-424-9300(CHEMTREC)

Emergency Telephone: 201-796-7100/800-424-9300(CHEMTREC)

MSDS Preparer's Name: UNKNOWN

Proprietary: N

Reviewed: Y

Published: Y

CAGE: 1B464
Special Project Code: N

Item Description

Item Name: POTASSIUM CHLORIDE,ACS
Item Manager:
Specification Number: O-C-265
Type/Grade/Class: NONE
Unit of Issue: BT
Unit of Issue Quantity: 1
Type of Container: BOTTLE

Contractor Information

Contractor's Name: FISHER SCIENTIFIC CO. CHEMICAL MFG DIV
Contractor's Address1: 1 REAGENT LANE
Contractor's Address2: FAIR LAWN, NJ 07410-2802
Contractor's Telephone: 201-796-7100
Contractor's CAGE: 1B464

Section 2 - Compositon/Information on Ingredients POTASSIUM CHLORIDE

Ingredient Name: POTASSIUM CHLORIDE
Ingredient CAS Number: 7447-40-7 **Ingredient CAS Code:** M
RTECS Number: TS8050000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: UNKNOWN
% Enviromental Weight:
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED **OSHA PEL Code:** M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: NOT ESTABLISHED **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:

DOT Reporting Quantity:
Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
POTASSIUM CHLORIDE

Health Hazards Acute & Chronic: EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:MAY CAUSE SKIN RASH,POSSIBLE KIDNEY DAMAGE.

Signs & Symptoms of Overexposure:

INGEST:NAUSEA,VOMITING,GAS PAIN,DIARRHEA.HIGH CONCENTRATIONS OF KCL MAY CAUSE ULCERATIONS IN TISSUE OF THE GI TRACT.WHERE THE KIDNEYS ARE NOT PASSING POTASSIUM PROPERLY,VICTIM MAY SHOW WEAKNESS,LISTLE SSNESS,ANETHESIA,"SPINNING HEAD",CONFUSION,HYPOTENSION,SLOW,WEAK PULSE,CARDIAC ARRYTHMIA.

Medical Conditions Aggravated by Exposure:

PERSONS WITH PRE-EXISTING KIDNEY DISFUNCTION MAY BE AT INCREASED RISK FROM EXPOSURE.

LD50 LC50 Mixture: LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

Route of Entry Indicators:

Inhalation: YES

Skin: YES

Ingestion: YES

Carcenogenicity Indicators

NTP: NO

IARC: NO

OSHA: NO

Carcinogenicity Explanation: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Section 4 - First Aid Measures
POTASSIUM CHLORIDE

First Aid:

SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

Section 5 - Fire Fighting Measures
POTASSIUM CHLORIDE

Fire Fighting Procedures:

USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire or Explosion Hazard:

FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Extinguishing Media:

WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM.

Flash Point: Flash Point Text: NONE

Autoignition Temperature:

Autoignition Temperature Text: N/R

Lower Limit(s): N/R

Upper Limit(s): N/R

Section 6 - Accidental Release Measures
POTASSIUM CHLORIDE

Spill Release Procedures:

VENTILATE AREA. USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT. SWEEP OR VACUUM; DO NOT CREATE DUST; PLACE IN A DRY CONTAINER FOR DISPOSAL. CLEAN SPILL AREA WITH WATER.

Section 7 - Handling and Storage
POTASSIUM CHLORIDE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
POTASSIUM CHLORIDE

Respiratory Protection:

WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MISTS.

Ventilation:

LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:

IMPERVIOUS

Eye Protection: SAFETY GLASSES

Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS

PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Health & Safety Information: NONE

Section 9 - Physical & Chemical Properties
POTASSIUM CHLORIDE

HCC: N1

NRC/State License Number: N/R

Net Property Weight for Ammo: N/R

Boiling Point: Boiling Point Text: 2732F,1500C

Melting/Freezing Point: Melting/Freezing Text: 1418F,770C

Decomposition Point: Decomposition Text: 2732F,1500C

Vapor Pressure: N/R **Vapor Density:** N/R

Percent Volatile Organic Content:

Specific Gravity: 1.584

Volatile Organic Content Pounds per Gallon:

pH: 5-8@5%

Volatile Organic Content Grams per Liter:

Viscosity: N/R

Evaporation Weight and Reference: N/R

Solubility in Water: APPRECIABLE

Appearance and Odor: CRYSTALS OR POWDER;COLORLESS;ODORLESS

Percent Volatiles by Volume: N/R

Corrosion Rate: UNKNOWN

Section 10 - Stability & Reactivity Data
POTASSIUM CHLORIDE

Stability Indicator: YES

Materials to Avoid:

BROMINE TRIFLUORIDE,SULFURIC ACID,KMNO*4.

Stability Condition to Avoid:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:

TOXIC CHLORIDES.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

N/R

Section 11 - Toxicological Information
POTASSIUM CHLORIDE

Toxicological Information:

N/P

Section 12 - Ecological Information
POTASSIUM CHLORIDE

Ecological Information:
N/P

Section 13 - Disposal Considerations
POTASSIUM CHLORIDE

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

Section 14 - MSDS Transport Information
POTASSIUM CHLORIDE

Transport Information:
N/P

Section 15 - Regulatory Information
POTASSIUM CHLORIDE

SARA Title III Information:
N/P
Federal Regulatory Information:
N/P
State Regulatory Information:
N/P

Section 16 - Other Information
POTASSIUM CHLORIDE

Other Information:
N/P

HMIS Transportation Information

Product Identification: POTASSIUM CHLORIDE

Transportation ID Number: 49595

Responsible Party CAGE: 1B464

Date MSDS Prepared: 10/13/1989

Date MSDS Reviewed: 02/21/1995

MFN: 02/21/1995

Submitter: D DG

Status Code: C

Container Information

Unit of Issue: BT

Container Quantity: 1

Type of Container: BOTTLE
Net Unit Weight: 0.25 LBS
Article without MSDS: N
Technical Entry NOS Shipping Number:
Radioactivity: N/R
Form:
Net Explosive Weight: N/R
Coast Guard Ammunition Code: N/R
Magnetism: N/P
AF MMAC Code: NR
DOD Exemption Number: N/R
Limited Quantity Indicator:
Multiple Kit Number: 0
Kit Indicator: N
Kit Part Indicator: N
Review Indicator: Y
Additional Data:
NONE

Department of Transportation Information

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF
TRANSPORTATION
DOT PSN Code: ZZZ
Symbols: N/R
DOT PSN Modifier:
Hazard Class: N/R
UN ID Number: N/R
DOT Packaging Group: N/R
Label: N/R
Special Provision(s): N/R
Packaging Exception: N/R
Non Bulk Packaging: N/R
Bulk Packaging: N/R
Maximum Quantity in Passenger Area: N/R
Maximum Quantity in Cargo Area: N/R
Stow in Vessel Requirements: N/R
Requirements Water/Sp/Other: N/R

IMO Detail Information

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF
TRANSPORTATION
IMO PSN Code: ZZZ
IMO PSN Modifier:
IMDG Page Number: N/R
UN Number: N/R
UN Hazard Class: N/R
IMO Packaging Group: N/R
Subsidiary Risk Label: N/R

EMS Number: N/R

Medical First Aid Guide Number: N/R

IATA Detail Information

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA PSN Modifier:

IATA UN Id Number: N/R

IATA UN Class: N/R

Subsidiary Risk Class: N/R

UN Packaging Group: N/R

IATA Label: N/R

Packaging Note for Passengers: N/R

Maximum Quantity for Passengers: N/R

Packaging Note for Cargo: N/R

Maximum Quantity for Cargo: N/R

Exceptions: N/R

AFI Detail Information

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI Symbols:

AFI PSN Code: ZZZ

AFI PSN Modifier:

AFI UN Id Number: N/R

AFI Hazard Class: N/R

AFI Packing Group: N/R

AFI Label: N/R

Special Provisions: N/A

Back Pack Reference: N/A

HAZCOM Label Information

Product Identification: POTASSIUM CHLORIDE

CAGE: 1B464

Assigned Individual: N

Company Name: FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Company PO Box:

Company Street Address1: 1 REAGENT LANE

Company Street Address2: FAIR LAWN, NJ 07410-2802 US

Health Emergency Telephone: 201-796-7100/800-424-9300(CHEMTREC)

Label Required Indicator: Y

Date Label Reviewed: 02/21/1995

Status Code: C

Manufacturer's Label Number: UNKNOWN

Date of Label: 02/21/1995

Year Procured: N/K

Organization Code: F

Chronic Hazard Indicator: N/P

Eye Protection Indicator: YES
Skin Protection Indicator: YES
Respiratory Protection Indicator: N/P
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

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