

FISHER SCIENTIFIC, CHEMICAL DIVISION -- POTASSIUM CHLORIDE SOLUTION; SP135 --  
6810-01-190-2728

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

Product ID:POTASSIUM CHLORIDE SOLUTION; SP135  
MSDS Date:04/03/1990  
FSC:6810  
NIIN:01-190-2728  
MSDS Number: BGXRT  
=== Responsible Party ===  
Company Name:FISHER SCIENTIFIC, CHEMICAL DIVISION  
Address:1 REAGENT LANE  
City:FAIR LAWN  
State:NJ  
ZIP:07410  
Country:US  
Info Phone Nu  
m:201-796-7100  
Emergency Phone Num:201-796-7523  
Preparer's Name:GASTON L. PILLORI  
CAGE:1B464

==== Contractor Identification ====  
Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV  
Address:1 REAGENT LANE  
Box:City:FAIRLAWN  
State:NJ  
ZIP:07410-2802  
Country:US  
Phone:201-796-7100  
CAGE:1B464

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

Ingred Name:POTASSIUM CHLORIDE (26.0-28.5%)  
CAS:7447-40-7  
RTECS #:TS8050000  
Fraction by Wt: 26.0-28%

Ingred Name:SILVER CHLORIDE (AS NUISANCE

DUST)  
CAS:7783-90-6  
RTECS #:VW3563000  
Fraction by Wt: 0.0-0.1%  
OSHA PEL:15 MG/M3 TOTAL DUST  
ACGIH TLV:10 MG/M3 TDUST;8990

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)  
CAS:7647-01-0  
RTECS #:MW4025000  
Fraction by Wt: 0.0-.02%  
OSHA PEL:C 5 PPM  
ACGIH TLV:C 5 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER (71.5-73.8%)  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 71.5-74%

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

LD50 LC50 Mixt  
ure:LD50 (ORAL RAT) IS 2600 MG/KG  
Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:NO DATA AVAILABLE IN CASE OF  
INHALATION OR SKIN CONTACT. MAY CAUSE EYE IRRITATION & IN CASE  
INGESTION MAY CAUSE G.I. TRACT IRRITATION,NAUSEA,VOMITING,ABDOMINAL  
PAIN AND DIARRHEA. CHRONIC:SKIN RA SHES POSSIBLE (AGCL & HCL IS IN  
NEGLIGIBLE AMOUNT AS IMPURITIES.NO HEALTH EFFECTS ARE EXPECTED).  
Expla  
nation of Carcinogenicity:PER MSDS.  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:INHALATION:NO PROBLEM IS ANTICIPATED;REMOVE TO FRESH AIR IF  
NEEDED. EYES:WASH THOROUGHLY WITH PLENTY OF WATER FOR ABOUT 15  
MINUTES;CONSULT A PHYSICIAN. SKIN:WASH WITH PLENTY OF WATER.  
INGESTION:GIVE L ARGE AMOUNT OF WATER;DO NOT INDUCE VOMITING;GET  
MEDICAL ATTENTION IMM

EDIATELY.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL,CO\*2,HALON,WATER SPRAY,FOAM FOR NORMAL FIRE IF APPLICABLE.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:NONE NOTED;AVOID BREATHING HAZARDOUS VAPORS,KEEP UPWIND.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SOAK UP SPILL WITH VERMICULITE AND PLACE IN A SUITABLE CONTAINER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY AREA;DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NOT NORMALLY REQUIRED;PROVIDE AN ADEQUATE VENTILATION.

Ventilation:GENERAL DILUTE VENTILATION.

Protective Gloves:AS REQUIRED.

Eye Protection:CHEMICAL GOGGLES.

Other

Protective Equipment:APRON;EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST;DO NOT TAKE INTERNALLY.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:212F/100C

Melt/Freeze Pt:M.P/F.P Text:14F/-10C

Vapor Pres:14 MMHG

Vapor Density:0.7 (WATER

Spec Gravity:1.2

Evaporation Rate & Reference:>1 (ETHER=1)

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLES

S LIQUID CONTAINING CRYSTALS OF POTASSIUM  
CHLORIDE.

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

Stability Indicator/Materials to Avoid: YES  
TRIFLUOROBROMIDE; SULFURIC ACID, POTASSIUM PERMANGANATE.  
Stability Condition to Avoid: EXTREME HEAT.  
Hazardous Decomposition Products: POSSIBLE HCL.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS.

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