

EM INDUSTRIES INC, EM SCIENCE DIVISION -- POTASSIUM MURIATE, PX1405, PX1410 --  
6810-00-264-6545

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

Product ID:POTASSIUM MURIATE, PX1405, PX1410

MSDS Date:05/01/1991

FSC:6810

NIIN:00-264-6545

MSDS Number: BDQNF

=== Responsible Party ===

Company Name:EM INDUSTRIES INC, EM SCIENCE DIVISION

Address:480 DEMOCRAT RD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027

Country:US

Info

Phone Num:609-354-9200

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:0AL61

=== Contractor Identification ===

Company Name:E M SCIENCE, MCB MFG CHEMISTS INC

Address:480 DEMOCRAT RD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027

Country:US

Phone:800-424-9300

CAGE:1U692

Company Name:EM INDUSTRIES INC CHEMICALS & PIGMENTS DIVISION

Address:7 SKYLINE DRIVE

Box:City:HAWTHORNE

State:NY

ZIP:10532

Country:US

Phone:914-592-4660

CAGE:0AL61

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

Ingred Name:POTASSIUM CHLORIDE  
CAS:7447-40-7  
RTECS #:TS8050000  
Fraction by Wt: 100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:LD50: (ORAL, RAT) 3020 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:EYE CONTACT CAUSES IRRITATION. SKIN  
CONTACT MAY CAUSE IRRITATION. INGESTION OF LARGE QUANTITIES CAUSES  
GASTROINTESTIN  
AL IRRITATION.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:DATA NOT AVAILABLE.

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

First Aid:GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE. EYES:  
IMMEDIATELY FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES.  
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE TO  
FRESH AIR; GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS ST  
OPPED.  
INGESTION: IF CONSCIOUS, INDUCE VOMITING.

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

Flash Point:NONE  
Extinguishing Media:ANY SUITABLE FOR OTHER MATERIALS INVOLVED.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCES TOXIC  
FUMES.

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

Spill Release Procedures:EVACUATE AREA OF ALL UNNEC PERS.

WEAR SUITABLE

PROT EQUIP. ELIM ANY IGNIT SOURCES UNTIL AREA DETERM TO BE FREE FROM EXPLO/FIRE HAZ. CNTN RELEASE & ELIM ITS SOURCE IF IT CAN BE DONE W/OUT RISK. TAKE UP & CONTAINERIZE FOR PROPER DISP.

COMPLY(SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE AT CONTROLLED ROOM TEMPERATURE. DO NOT GET IN EYES. AVOID PROLONGED/R

EPEATED SKIN CONTACT. DO NOT BREATHE DUST.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:EXHAUST VENTILATION PREFERRED IF DUST PRESENT

Protective Gloves:NEOPRENE, PVC.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:EYE WASH, SAFETY EQUIPMENT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY.

Supplemental Safety and Health

SPILL PROC: W/FED, STATE & LOCAL REGS ON REPORTING RELEASES.

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

HCC:N1

Boiling Pt:B.P. Text:2732F,1500C

Melt/Freeze Pt:M.P/F.P Text:1423F,773C

Spec Gravity:1.99

Solubility in Water:26%

Appearance and Odor:WHITE ODORLESS CRYSTALS OR GRANULES

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

Stability Indicator/Materials to Avoid:YES

BRF\*3

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:CHLORINE COMPOUNDS.

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

Waste Disposal Methods:MATL DOES NOT HAVE EPA WASTE NUMBER & IS NOT A LISTED WASTE, HOWEVER, CONSULTATION WITH A PERMITTED WASTE DISPOSAL SITE (TSD) SHOULD BE ACCOMPLISHED. ALWAYS CONTACT A TSD TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE & FEDERAL REGULATIONS.

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