

# M A T E R I A L S A F E T Y D A T A S H E E T

PREPARATION DATE .....: OCT 27, '87

EM SCIENCE  
A DIVISION OF EM INDUSTRIES  
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(609) 354-9200  
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## NFPA HAZARD RATINGS

HEALTH .....: 0      FLAMMABILITY ....: 0  
REACTIVITY : 0      SPECIAL HAZARDS.: N/A

## SECTION I - GENERAL INFORMATION

CATALOG NUMBER(S):      PX1403      PX1405      PX1407      PX1410      PX1411  
4935      4938  
CHEMICAL NAME.....: **POTASSIUM CHLORIDE**  
TRADE NAME.....: POTASSIUM MURIATE  
C.A.S. NUMBER.....: 7447-40-7  
CHEMICAL FAMILY...: INORGANIC SALT  
FORMULA.....: KCL  
MOLECULAR WEIGHT..: 74.56  
DOT SHIPPING NAME: N/A  
DOT NUMBER.....: N/A

## SECTION II - HAZARDOUS INGREDIENTS

-NONE OTHER THAN SPECIFIED PRODUCT

## SECTION III- PHYSICAL DATA

BOILING POINT (C 760 MM HG)..: 1500C  
MELTING POINT (C).....: 773C  
SPECIFIC GRAVITY(H<sub>2</sub>O = 1).....: 1.99  
VAPOR PRESSURE..(MM HG).....: N/A      20C  
PERCENT VOLATILE BY VOL (%)..: N/A  
VAPOR DENSITY (AIR=1).....: N/A  
EVAPORATION RATE (BUAC=1).....: N/A  
SOLUBILITY IN WATER (%).....: 26  
APPEARANCE AND ODOR.....: WHITE, ODORLESS CRYSTALS  
OR GRANULES

## SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (F).....: NONCOMBUSTIBLE  
FLAMMABLE LIMITS LEL %.: N/A  
FLAMMABLE LIMITS UEL %.: N/A  
EXTINGUISHING MEDIA.....:

ANY SUITABLE FOR OTHER MATERIALS INVOLVED

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SECTION IX - SPECIAL PROTECTION INFORMATION  
HANDLING & STORAGE .....

- KEEP CONTAINER CLOSED TIGHTLY
  - STORE AT CONTROLLED ROOM TEMPERATURE
  - DO NOT GET IN EYES
  - DO NOT TAKE INTERNALLY
  - AVOID PROLONGED OR REPEATED SKIN CONTACT
  - DO NOT BREATHE DUST
- WORK/HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY. EYE WASH AND SAFETY EQUIPMENT SHOULD BE READILY AVAILABLE.

SECTION X - OTHER INFORMATION  
COMMENTS.....

- TESTS ON LABORATORY ANIMALS INDICATE MATERIAL MAY PRODUCE ADVERSE MUTAGENIC EFFECTS

REV. 2/87

N/A  
REVISION HISTORY.....: 08/01/81, N/A  
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N/A = NOT AVAILABLE:

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