



Curtin Matheson Scientific, Inc.
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

MATERIAL SAFETY DATA SHEET

MAIL TO: SCHOOLCRAFT COLLEGE

HPS MEMBER
18600 HAGGERTY RD.

LIVONIA, MI 48152-2696

SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS

EM SCIENCE
A DIV OF EM INDUSTRIES
P.O. BOX 70

GIBBSTOWN NJ 08027

EMERGENCY PHONE 1-800-424-9300

CHEMICAL NUMBER: MPX1581-1

ITEM NUMBER: 0406931

VNDR CATLG NBR:

ENTRY DATE: 02-24-90

CHANGE DATE: 11-30-93

PO NUMBER: 82676

COMMON NAME (ON LABEL)

POTASSIUM PYROSULFATE

CHEMICAL FAMILY

INORGANIC SALT

TRADE NAME & SYNONYMS

POTASSIUM PYROSULFATE
POTASSIUM DISULFATE

CHEMICAL FORMULA

K₂S₂O₇

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS	% (WT)	TLV	PEL
POTASSIUM PYROSULFATE	7790-62-7	100.00	.000 SEC.5	.000 SEC.5

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.

OTHER INGREDIENT INFORMATION

-NONE OTHER THAN SPECIFIED PRODUCT.

SECTION 3 - PHYSICAL DATA

BOILING POINT	VOLATILE BY VOLUME (%)	VAPOR PRESSURE
DECOMP	NONE	N/A N/A
MELTING POINT	VAPOR DENSITY	SOLUBILITY IN WATER
325C	N/A	SOLUBLE
EVAPORATION RATE (= 1)	SPECIFIC GRAVITY	
N/A	2.25	
APPEARANCE AND ODOR		
WHITE POWDER		
OTHER PHYSICAL DATA		
MOLECULAR WEIGHT: 254.33		

SECTION 4 - FIRE AND EXPLOSION DATA**FLASH POINT**

NONCOMBUSTIBLE

LOWER EXPLOSIVE LIMIT

N/A

UPPER EXPLOSIVE LIMIT

N/A

EXTINGUISHING MEDIAEXTINGUISHING MEDIA..... USE ANY
SUITABLE FOR ADJACENT MATERIAL.**UNUSUAL FIRE AND EXPLOSION HAZARDS**FIRE & EXPL. HAZARDS..... -THERMAL
DECOMPOSITION PRODUCES TOXIC FUMES.**SPECIAL FIRE FIGHTING PROCEDURES**FIRE FIGHTING PROC..... WEAR
SELF-CONTAINED BREATHING APPARATUS.**SECTION 5 - HEALTH HAZARD DATA****HEALTH HAZARDS (ACUTE & CHRONIC)**
SEE SIGNS AND SYMPTOMS OF EXPOSURE.**PRIMARY ROUTES OF EXPOSURE**

ROUTES OF ENTRY..... INHALATION, INGESTION OR SKIN CONTACT.

SIGNS AND SYMPTOMS OF EXPOSURESYMPTOMS OF EXPOSURE -IRRITATING
ON CONTACT WITH SKIN, EYES OR MUCOUS MEMBRANES MAY CAUSE BURNS ON CONTACT
AQUEOUS SOLUTIONS ARE STRONGLY ACID.

SECTION 5 - HEALTH HAZARD DATA (CONTINUED)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
MEDICAL COND. AGGRAVATED BY EXP: DATA NOT AVAILABLE.

CARCINOGENICITY

INDICATORS NOT GIVEN

NTP ☐ Yes ☐ NoIARC ☐ Yes ☐ NoOSHA ☐ Yes ☐ No

CARCINOGENICITY.....: SEE COMMENTS, SECTION X; IF NO INFORMATION
APPEARS, THE MATERIAL IS NOT LISTED AS A CANCER CAUSING AGENT.

EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY FIRST AID.....: GET

MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE EYES: IMMEDIATELY FLUSH
THOROUGHLY WITH WATER SKIN: WASH WITH SOAP AND WATER

INHALATION: REMOVE TO FRESH AIR.

THRESHOLD LIMITS / TOXICITY DATA

ACGIH TLV/OSHA PEL (TWA).....: & PEL:

NONE ESTABLISHED. TOXICITY DATA.....:

-N/A.

SECTION 6 - REACTIVITY DATA

STABILITY

Unstable ☐ Stable ☒

CONDITIONS TO AVOID

CONDITIONS TO AVOID: -EXTREME

HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID)

MATERIALS TO AVOID.....: () WATER () ACIDS () BASES (

) CORROSIVES () OXIDIZERS () OTHER (SPECIFY)- NONE.

SECTION 6 - REACTIVITY DATA (CONTINUED)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
HAZARDOUS DECOMPOSITION: -SOX, K2O

HAZARDOUS POLYMERIZATION May Occur ☐ Will Not Occur ☐
CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION: DATA NOT AVAILABLE.

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
SPILL RESPONSE: -TAKE UP
AND CONTAINERIZE FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD
WASTE DISPOSAL: TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND
FEDERAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION
VENTILATION, RESPIRATORY PROTECTION, PROTECTIVE CLOTHING, EYE PROTECTION: -MATERIAL
SHOULD BE HANDLED OR TRANSFERRED ONLY IN AN APPROVED FUME HOOD OR WITH ADEQUATE
VENTILATION PROTECTIVE GLOVES SHOULD BE WORN TO PREVENT SKIN
CONTACT WHICH CAN CAUSE IRRITATION OR ALLERGIC REACTION
SAFETY GLASSES WITH SIDE SHIELDS SHOULD BE WORN AT ALL TIMES

LOCAL VENTILATION

SEE SECTION 8 - RESPIRATORY PROTECTION

MECHANICAL VENTILATION

SEE SECTION 8 - RESPIRATORY PROTECTION

SPECIAL VENTILATION

SEE SECTION 8 - RESPIRATORY PROTECTION