

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: POTASSIUM TARTRATE, HEMIHYDRATE

CAS #: 921-53-9

FORMULA: K₂C₄H₄O₆.1/2 H₂O

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	921-53-9	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Causes irritation to skin, eyes and respiratory system.

PRIMARY ROUTES OF EXPOSURE: Inhalation, ingestion

EYE CONTACT: Causes irritation of the eyes.

SKIN CONTACT: Causes irritation of the skin.

INHALATION: Inhalation of dust can lead to irritation of the respiratory tract.

INGESTION: no data

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5 Firefighting Measures

FLASH POINT: not applicable

AUTO IGNITION TEMPERATURE: not applicable

EXPLOSION LIMITS: Use media suitable for other materials in area.

EXTINGUISHING MEDIUM:

SPECIAL FIREFIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: May emit fumes of carbon monoxide, carbon dioxide

UNUSUAL FIRE OR EXPLOSION HAZARDS: none known

SECTION 6 Accidental Release Measures

SPILL AND LEAK PROCEDURES: In the case of a spill, vacuum or sweep up and place in a well marked container for disposal. Avoid raising dust.

SECTION 7 Handling and Storage

HANDLING AND STORAGE: Store material in a tightly sealed container . Keep material in a cool, dry, well-ventilated area.

SECTION 8 Exposure Controls and Personal Protection

EYE PROTECTION: Always wear approved safety glasses w/side shields, or safety goggles, face shield when handling a chemicals substance in the laboratory.

SKIN PROTECTION: Chemical-resistant.

VENTILATION: If possible, handle the material in an efficient fume hood.

RESPIRATOR: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

SECTION 9 Physical and Chemical Properties

COLOR AND FORM: solid

MOLECULAR WEIGHT: 235.28

MELTING POINT (DEG. C.): 150

BOILING POINT: no data

VAPOR PRESSURE: not applicable

SPECIFIC GRAVITY: 1.98

SOLUBILITY IN WATER: no data

SECTION 10 Stability and Reactivity

STABILITY: stable

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS TO AVOID: no data

INCOMPATIBILITY: no data

DECOMPOSITION PRODUCTS: toxic fumes of carbon monoxide and carbon dioxide

SECTION 11 Toxicological Information

MUTAGENIC EFFECTS: no data

TETRATOGENIC EFFECTS: no data

CARCINOGENIC EFFECTS: no data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 Ecological Information

ECOLOGICAL INFORMATION: No information available

SECTION 13 Disposal Considerations

DISPOSAL: Dispose of in according to local state and federal regulations.

SECTION 14 Transportation Information

Non-hazardous

Non-hazardous

SECTION 15 Regulatory Information

TSCA: Listed in the TSCA inventory

SARA (TITLE 313): no data

SECTION 16 Other Information

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