

Cherry Red

(instant hardening compound)

Section I

CHEMICAL NAME AND SYNONYMS – Cherry Red

TRADE NAME: Cherry Red

COMPANY: ROSE MILL

CHEMICAL FAMILY – Dry Mixture

FORMULA - N/A

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 1

Section II - HAZARDOUS INGREDIENTS

CAS #	(*Hazardous Components)	%	OSHA	ACGIH
7757-79-1	Potassium Nitrate (Salt Peter)	1-2.75	N/A	N/A
1308-38-9	Chromium Oxide III	0-1.5	0.5mg/m ³	0.5mg/m ³

Section III - PHYSICAL DATA

BOILING POINT (F): N/A

SPECIFIC GRAVITY (H₂O = 1): 2.12

VAPOR PRESSURE (mm Hg): N/A

Solubility in water: (based on 100) Cold 45.24 Hot 78.15l**Appearance:** Gray/Green with Slight Odor**Section IV - FIRE AND EXPLOSION HAZARD DATA****Fire:** Not considered to be a fire hazard.**Explosion:** Not considered to be an explosion hazard.**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.**Section V - HEALTH HAZARD DATA****Potential Health Effects****Inhalation:** Causes irritation to the respiratory tract.

Symptoms may include coughing, shortness of breath.

Ingestion: Causes irritation to the gastrointestinal tract.

Symptoms may include nausea, vomiting and diarrhea.

May have moderate toxic effects if consumed in large enough quantities. Ingestion of large amounts may be corrosive to mouth, throat and GI tract and produce abdominal pains, vomiting, diarrhea, and circulatory collapse.

Skin Contact: Contact with dry material causes irritation. In aqueous solution it is a strong caustic and as such may have corrosive effects on the skin.**Eye Contact:**

Prolonged, extreme exposure causes irritation, redness, pain and possibly corneal damage.

Chronic Exposure:

A chronic dermatitis may follow repeated contact with this substance.

First Aid Procedures**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.**Ingestion:** If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.**Aggravation of Pre-existing Conditions:** No information found.**Section VI - REACTIVITY DATA****Stability:** Stable under ordinary conditions of use and storage.**Hazardous Decomposition Products:** Contact with strong acids and involvement in a fire can cause formation of carbon dioxide. Thermal decomposition may also form potassium oxide.**Hazardous Polymerization:** Will not occur.**Incompatibilities:**

Strong Acids, chlorine trifluoride, magnesium.

Conditions to Avoid: Moisture, heat, dusting and incompatibles**Section VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS****RELEASED OR SPILLED:** Ventilate area of leak or spill.

Wear appropriate personal protective equipment as specified in Section VIII. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

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Section VIII - SPECIAL PROTECTION INFORMATION

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to the dust is apparent, a half-face dust respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Section IX – Handling & SPECIAL PRECAUTIONS

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

OTHER PRECAUTIONS: Read label precautions thoroughly before use. Use only as directed. Avoid spraying on skin or into face or eyes. **KEEP FROM REACH OF CHILDREN.**

MANUFACTURERS STATEMENT:

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, No warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.

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