

MATERIAL SAFETY DATA SHEET

FOR POWDER '7' of
Eu-Test-It[™] Base Metal Identification Kit

EUTECTIC CORPORATION

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mshmm07.wps

SECTION I. IDENTIFICATION OF PRODUCT

Product Name: Powder '7'
Use: In *Eu-Test-It*[™] Base Metal Identification Kit
Size: .05 oz. or .15ml

SECTION II. HAZARDOUS MATERIALS

D-Ethylxanthic Acid, Potassium Salt

CAS NO: 140-89-6
OSHA PeL (mg/m³): Unkn
ACGIH TLV (mg/m³): Unkn
Formula: C₃H₆OS₂.

Used in Product "Chemical Kit"

Synonym or Cross Reference: Carbondithiothic Acid, D-Ethyl Ester, Potassium Salt, Xanthic Acid

Carcinogen: No

SECTION III. PHYSICAL DATA

Appearance: Light yellow powder with an unpleasant odor.
Melting Point: 210 C (DEC)

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A (closed cup) Extinguishing Media: Use water spray. Carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Move exposed container from container from fire area if it can be done.

Unusual Fire and Explosion Hazard: Emits toxic fumes under fire conditions.

SECTION V. HEALTH HAZARD

Nature of Hazard: Irritant. Irritating to eyes, respiratory system and skin. Unpleasant odor. Keep tightly closed.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves, and eye/face protection.

Acute Effects: May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation.

Material is irritating to mucous membranes and upper respiratory tract.

Exposure can cause nausea, headache, and vomiting.

SECTION V. HEALTH HAZARD continued

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Orl-rat LD50: 1700 Mg/Kg GISAAA 41 (6), 95, 76

Orl-Mus LD50: 683 Mg/Kg GISAAA 41 (6), 95, 76

First Aid Procedures: Call a physician. In case of eye contact, flush with water for at least 15 minutes. For skin contact, flood with tap water, then water containing sodium bicarbonate. If swallowed, do not give emetics. Give tap water, milk or milk of magnesia. Give whites of eggs beaten with water. Do not get in eyes, on skin or clothing. Do not breathe vapor. If inhaled, remove to fresh air. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VI. REACTIVITY DATA

Stability: ___ Unstable X Stable Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids, strong bases.

Hazardous Combustion or Decomposition Products: Toxic fumes of Carbon Monoxide, carbon dioxide, sulfur oxides.

SECTION VII. SPILL AND DISPOSAL PROCEDURES

Spills: Wear self-contained breathing apparatus and full protective clothing. Neutralize with soda ash/slaked lime mixture. Flush area with water. Ventilate area.

Disposal: To be performed in compliance with all current local, state and federal regulations. Contact professional disposal service.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Ventilation, Respiratory Protection, Protective Clothing, Eye Protection: Provide adequate general mechanical and local exhaust ventilation to meet TLV requirements. Do not get in eyes, on skin, or on clothing. Protect eyes and skin with safety goggles and gloves. Do not breathe vapor.

SECTION IX. HANDLING AND STORING PRECAUTIONS

Special Handling and Storing Precautions: Keep in a tightly closed container in a cool, well ventilated area separated from incompatible materials. Handle empty containers with caution. Wash thoroughly after handling. Do not remove the permanent cap from the individual bottles or transfer into other containers. There is a maximum of one ounce of solution per bottle. If used properly, and the cap is not removed, possible exposure is limited to approximately 1/400th of an ounce per test.

SECTION X. MISCELLANEOUS INFORMATION AND PRECAUTIONARY LABELING

Do not get in eyes, on skin or clothing. Do not breathe vapor. Wash thoroughly after handling.

NFPA 210

Date Issued: 5/4/94

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. In preparation of this document we relied in part upon existing hazard communications provided to us by suppliers in accordance with Occupational Safety and Health Admin., Labor, 29 CFR 1910.1200(e)(3). It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED with respect to such information.

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