

MATERIAL SAFETY DATA SHEET
RUST-A-WAY

SECTION I-GENERAL INFORMATION

EnviroSpec Product Codes: ZPRUS40
Revision Date: June 19, 2003
Emergency Number: Chemtrec 800-424-9300
Information Number: 800-346-4876
Synonyms: Ethandioic Acid
CAS # 6153-56-6 or 144-62-7 (OSHA substance list)
OSHA Hazardous Substance: No
DOT Hazard Class: Not Regulated

SECTION II- HAZARDOUS INGREDIENTS IDENTITY INFORMATION

None

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable
Vapor Pressure (MM Hg): Not Applicable
Vapor Density (AIR = 1): Not Applicable
Specific Gravity (H₂O 1): 1.65
Percent Volatile by Volume (%): Not Applicable
Melting Point: 101 C
Evaporation Rate (Butyl Acetate = 1): Not Applicable
Solubility in water: Moderate - One gram dissolves in 7 ml of water.
Appearance and odor: White crystals, odorless
PH: Solutions are acidic.

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Applicable
Flammable Limits: Not Applicable
Extinguishing Media: Use a media that is appropriate to treat surrounding fire.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and goggles. Remove from fire if safely possible.
Unusual Fire Explosion Hazard: Above 250° F material may sublime to irritating corrosive vapor or mist.
Auto Ignition Temperature: Not Applicable

SECTION V - REACTIVITY DATA

Stability: Stable under normal temperatures and pressures
Conditions to Avoid: Strong oxidizers, alkalis, silver, chlorites, hypochlorites, and furfuryl alcohol.
Hazardous Polymerization: Will not occur under normal conditions.
Hazardous Decomposition Products: Toxic fumes including CO_x, and formic acid,

SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes Eye: Yes

Health Hazards: Acute TLV 1mg/m³

TOXICITY: Oral-Human LDLo -71 mg/kg Oral-Rat LD50 375 mg/kg

Carcinogenicity: Listed by ACGIH-No IARC-No NTP-No OSHA-No

Signs-Symptoms of Exposure: Can cause irritation upon contact with the skin. Dust is irritating to mucous membranes and eyes. Inhalation can cause serious corrosion of mouth, throat and stomach.

Medical Conditions Aggravated by Exposure: Dermatitis, allergies and asthma.

Emergency First Aid Procedures:

SKIN: Remove contaminated clothing at once (launder before reuse) wash skin with soap and water.

EYES: Flush thoroughly with water at least 15 mm.

INHALATION: Remove to fresh air.

INGESTION: DO NOT induce vomiting: give dilute milk of magnesia, lime water, or milk if conscious.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Wear protective clothing. Cover with soda ash or sodium bicarbonate. Pick up for disposal.

Waste Disposal Method: Incinerate following all state, federal and local regulations.

Precautions to be taken in handling and storage: Keep container tightly closed Protect against physical damage. Store in a cool, dry, well-ventilated area away from oxidizers. Wash gloves thoroughly before removing. Wash face and hands after filling. Clean area thoroughly after use.

SECTION VIII- CONTROL MEASURES

Respiratory Protection Type: NIOSH/MSHA approved respirator

Ventilation Requirements: Ventilate as necessary to eliminate dust from work area.

Protective Gloves, clothing or equipment requirements: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

Work, hygienic practices: As required to protect against skin contact. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

SECTION IX – OTHER INFORMATION

NPA Hazard Information:

Non Fire: Health (1) Flammability (1) Reactivity (O)

Fire: Health (2) Flammability (1) Reactivity (O)

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