

**MATERIAL SAFETY DATA SHEET**  
(Complies with 29 CFR 1910.1200)**SECTION I**

MAG-IT

Box 1931, Simpsonville, SC 29681-1931  
(864) 963-7034

PRODUCT NAME: MAG-IT Inhibitor 2398  
 PRODUCT CODE: 2398  
 CHEMICAL NAME: Non-Aqueous rust inhibitor  
 CAS #: 64742-48-9  
 MIXTURE (X)  
 SINGLE SUBSTANCE ( )

HMIS RATING  
 HEALTH: 1  
 FLAMMABILITY: 2  
 REACTIVITY: 0  
 PERSONAL PROTECTION: C

**SECTION II**  
**HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENT	%	OSHA HAZARD DATA
Odorless Mineral Spirits CAS 64742-48-9 UN 1255, Petroleum Naphtha	<75%	100 ppm (as oil mist inhalation hazard)

**SECTION III**  
**PHYSICAL DATA**

BOILING POINT: 363 to 401°F  
 SPECIFIC GRAVITY: 0.90 @ 60°F  
 VAPOR PRESSURE: 1 mm Hg @ 68°F Estimated  
 PERCENT VOLATILE BY VOLUME: <90%  
 VAPOR DENSITY: 4.6 (air = 1)  
 EVAPORATION RATE (n-Butyl Acetate = 1): <0.1  
 SOLUBILITY IN WATER: None  
 APPEARANCE AND ODOR: Clear, brownish liquid. Slight moth ball and kerosene-like odor.  
 pH AS RECEIVED: N/A

**SECTION IV**  
**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): 135°F Tag Closed Cup  
 FLAMMABILITY LIMITS: 1.8% LEL 11.7% UEL @77°F  
 EXTINGUISHING MEDIA: Foam, dry chemical or water fog  
 SPECIAL FIRE FIGHTING PROCEDURES: none  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Autoignition temperature 830°F

**SECTION V**  
**HEALTH HAZARDS DATA**

THRESHOLD LIMIT VALUE: N/A, Mixture, see hazard information

EFFECTS OF OVEREXPOSURE: Drying of skin, irritation of mucous membranes when ingested or exposed to vapor or aerosol concentrations. Ingestion may cause dizziness, headaches and other CNS effects.

EMERGENCY FIRST AID PROCEDURES: Flush immediately with copious amounts of water if the product gets in the eyes, skin or mucous membranes. Do not induce vomiting if ingested. Get immediate medical assistance.

**SECTION VI**  
**REACTIVITY DATA**

STABILITY: STABLE: X UNSTABLE:  
 CONDITIONS TO AVOID: High heat, sparks and open flame  
 INCOMPATIBILITY (MATERIALS TO AVOID): Nitric Acid, Sulfuric Acid and strong oxidizing agents.  
 HAZARDOUS DECOMPOSITION PRODUCTS: None  
 HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X

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**SECTION VII**  
**SPILL OR LEAK PROCEDURES**

**SPILL RESPONSE PROCEDURES:** Use absorbent for small spills. Dike and collect larger spills for possible material recovery, using explosion proof equipment to eliminate sparks.

**WASTE DISPOSAL METHOD:** Landfill per federal, state and local laws and regulations or incinerate using approved methods.

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**SECTION VIII**  
**SPECIAL PROTECTION INFORMATION**

**EYE PROTECTION:** Glasses and goggles

**RESPIRATORY PROTECTION:** Organic vapor mask recommended

**SKIN PROTECTION:** Gloves and protective clothing

**OTHER PROTECTION:** None

**VENTILATION RECOMMENDATION:** Since the vapor density is greater than air, avoid enclosed spaces and low lying, vapor collection areas without mechanical ventilation or local exhaust.

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**SECTION IX**  
**SPECIAL PRECAUTIONS**

**HYGIENE PRACTICES IN HANDLING AND STORAGE:** Observe all recommended handling, storage and safety equipment and procedures recommended in this document. Maintain ventilation in areas of use and avoid all unnecessary exposure to this product. Plastic containers are not recommended for long term storage of this product.

**OTHER PRECAUTIONS:** None

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**SECTION X**  
**PREPARER AND DISCLAIMER**

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by MAG-IT.

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DATE: 1 November 1998

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