

MET-CHEM INC

-- RUST INHIBITOR, MET-RI

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MSDS Safety Information
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FSC: 8010
MSDS Date: 02/09/1996
MSDS Num: CJPBL
LIIN: 00N091698
Product ID: RUST INHIBITOR, MET-RI
MFN: 03
Responsible Party
Cage: 1HS55
Name: MET-CHEM INC
Address: 1319 CUNNINGHAM ST
City: ROCKFORD IL 61102
Info Phone Number: 414-438-8600
Emergency Phone Number: 800-424-9300
Preparer's Name: BRIAN SYLVESTER
Chemtrec IND/Phone: (800)424-9300
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 1HS55
Name: MET-CHEM INC
Address: 1319 CUNNINGHAM ST
City: ROCKFORD IL 61102
Phone: 414-438-8600

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Ingredients
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Cas: 6834-92-0
RTECS #: VV9275000
Name: SILICIC ACID (H*2SIO*3), DISODIUM SALT; (DISODIUM TRIOXOSILICATE)
OSHA PEL: 2 MG/M3
ACGIH TLV: 10 MG/M3

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: ACUTE: EYE CONTACT: CORROSIVE. WILL CAUSE BURNS AND PERMANENT TISSUE DAMAGE. SKIN CONTACT: CORROSIVE, CAUSES PERMANENT DAMAGE (SCARRING). INHALATION: BREATHING PRODUCT MAY IRRITATE NOSE AND THROAT AND CAUSE COUGHING AND CHEST DISCOMFORT. IN GESTION: CORROSIVE AND MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT AND STOMACH. CHRONIC: NO INFORMATION.

Signs And Symptions Of Overexposure: SEE HEALTH HAZARDS.

First Aid: EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS

DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE VICTIM A GLASS OF WATER. CALL MD OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: IF SPILL IS DRY SWEEP, SHOVEL OR ANY SIMILAR MEANS OF RECOVERY, AVOID DUST GENERATION, AND USE APPROPRIATE NIOSH APPROVED RESPIRATORY PROTECTION. FOLLOW ALL GOVERNMENT REGULATIONS. EVACUATE AREA OF UNPROTECTED PERSONNEL. ELIMINATE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION.

Waste Disposal Methods: FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: USE ONLY IN A WELL VENTILATED AREA. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE THEY MAY RETAIN PRODUCT RESIDUES.

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Fire and Explosion Hazard Information
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Autoignition Temp Text: N/D

Extinguishing Media: CO₂, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: NO INFORMATION. RATING: HEALTH - 3;
FLAMMABILITY - 0; REACTIVITY - 2.

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Control Measures
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Respiratory Protection: A NIOSH APPROVED RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

Ventilation: LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR TLV'S DURING THE USE OF THIS PRODUCT.

Protective Gloves: RUBBER OR NEOPRENE GLOVES MAY PROVIDE PROT AGAINST PERMEATION. GLOVES (SUPDAT)

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES & FULL LENGTH FACESHIELD (FP N).

Other Protective Equipment: EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). WEAR SUITABLE PROTECTIVE CLOTHING TO MINIMIZE AND/OR PREVENT CONTACT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Supplemental Safety and Health: PHYSICAL DATA: ODOR THRESHOLD: NOT DETERMINED. COEFFICIENT OF WATER/OIL DISTRIBUTION: NOT DETERMINED. -- PROT GLOVES: OF OTHER CHEMICALLY RESIST MATLS MAY NOT PROVIDE ADEQ PROT.

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Physical/Chemical Properties
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M.P/F.P Text: NOT DETERMINED

Vapor Pres: NOT DETERMINED

Vapor Density: HVR/AIR

Spec Gravity: 3.0435

PH: N/D @ 0.0%

Viscosity: NOT DETERMINED

Evaporation Rate & Reference: SLOWER THAN BUTYL ACETATE

Solubility in Water: SOLUBLE

Appearance and Odor: WHITE POWDER; ODOR - NOT DETERMINED.

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NO INFORMATION. THIS PRODUCT IS STABLE UNDER
NORMAL STORAGE CONDITIONS.
Materials To Avoid: ACIDS.
Hazardous Decomposition Products: NO INFORMATION.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

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Toxicological Information
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Toxicological Information: NO PRODUCT OR COMPONENT TOXICOLOGICAL INFORMATION
IS AVAILABLE.

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Ecological Information
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Ecological: NO INFORMATION.

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MSDS Transport Information
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Transport Information: DOT PROPER SHIPPING NAME: DISODIUM TRIOXOSILICATE,
PENTAHYDRATE. DOT TECHNICAL NAME: N/P. DOT HAZARD CLASS: 8. HAZARD
SUBCLASS:N/P. DOT UN/NA NUMBER: UN3253. PACKING GROUP: III. RESP GUIDE
PAGE: 153.

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Regulatory Information
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Sara Title III Information: CERCLA - SARA HAZARD CATEGORY: THIS PROD HAS BEEN
REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER
SECTIONS 311 & 312 OF SARA TITLE III & IS CONSIDERED, UNDER APPLICABLE
DEFINITIONS, TO MEET FOLLOWING CATEGORIES: SARA SEC TION 313: THIS PROD
CONTAINS FOLLOWING SUBSTANCES SUBJECT TO REPORTING REQUIREMENTS OF SECTION
313 OF TITLE III OF SARA & 40 CFR PART 372: NO SARA SECTION 313
COMPONENTS EXIST IN THIS PRODUCT.

Federal Regulatory Information: U.S. FED REGS: AS FOLLOWS -
OSHA: HAZ BY DEFINITION OF HAZ COMMUNICATION STD (29 CFR 1910.1200). TOXIC
SUBSTANCES CONTROL ACT: CHEM SUBSTANCES IN THIS PROD ARE ON TSCA SECTION 8
INVENTORY. THIS PROD CONTAINS FOLLOWING CHEM SUBSTANCES SUBJECT TO
REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM U.S.: NO INFO IS
AVAIL.INTERNATIONAL REGS: AS FOLLOWS - CANADIAN W: THIS MSDS HAS BEEN
PREPARED IN COMPLIANCE W/CONTROLLED PROD REGS EXCEPT FOR USE OF 16
HEADINGS. CANADIAN WHM IS CLASS: NO INFORMATION AVAILABLE.

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HAZCOM Label
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Product ID: RUST INHIBITOR, MET-RI
Cage: 1HS55
Company Name: MET-CHEM INC
Street: 1319 CUNNINGHAM ST
City: ROCKFORD IL
Zipcode: 61102
Health Emergency Phone: 800-424-9300
Label Required IND: Y
Date Of Label Review: 08/03/1999

Status Code: A
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: None
Contact Hazard: Severe
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: ACUTE: EYE CONTACT: CORROSIVE. WILL CAUSE BURNS AND PERMANENT TISSUE DAMAGE. SKIN CONTACT: CORROSIVE, CAUSES PERMANENT DAMAGE (SCARRING). INHALATION: BREATHING PRODUCT MAY IRRITATE NOSE AND THROAT AND CAUSE COUGHING AND CHEST DISCOMFORT. IN GESTION: CORROSIVE AND MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT AND STOMACH. CHRONIC: NO INFORMATION.

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