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MATERIAL SAFETY DATA SHEET • 119-136 • MWorks Rust Converter Quart

GENERAL INFORMATION NUMBER: 800-500-1500 REVISION DATE: May 21, 2008
DATE OF ISSUE: June 13, 2008

I - Product Identification

MW Rust Converter Q

PRODUCT Liquid Rust Converter

CHEMICAL FORMULATION: Water based metal treatment.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

	APPROX	OSHA	ACGIH	EPA 40 CFR: 302 355 372			
SUBSTANCE	<u>%</u>	PEL	TLV				CAS#
Tannic Acid	1.00-5.00	N/E	N/E	N	N	N	1401-55-4
2-Butoxyethanol	1.00-5.00	25 ppm (skin)	25 ppm (skin)	N	N	Y	111-76-2
Oxalic Acid	<1.0	1 mg/m3	1 mg/m3	N	N	N	144-62-7

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL : Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY: 1.06

VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): <4.0

VAPOR DENSITY (AIR = 1): N/D **EVAPORATION RATE (WATER = 1):** N/D

SOLUBILITY IN WATER: Soluble pH: 1.5-2.5

APPEARANCE AND ODOR: Beige, opaque emulsion: bland odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A (TEST METHOD): Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %)

UPPER: N/D

LOWER: N/D

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool drums in vicinity of fire with water fog. Fire fighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Oxidizers, strong alkalis.

CONDITIONS TO AVOID: None

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: X EYE CONTACT: X SKIN CONTACT: X INGESTION: X INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None EFFECTS OF OVEREXPOSURE

IF IN EYES: Moderate irritation and redness.

IF ON SKIN: Prolonged or repeated exposure can lead to mild irritation, formation of dark colored stains.

IF SWALLOWED: Gastrointestinal irritation, nausea, cramps, and vomiting. May be harmful or fatal if swallowed.

IF INHALED: May cause respiratory tract irritation, headache, nausea.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water foat least 15 minutes. If irritation persists, obtain medical attention. **IF ON SKIN:** Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention

IF SWALLOWED: Contact physician or poison center immediately. Rinse mouth with water and give person 1 to 2 glasses of water. Never give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in properly labeled container for disposal.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

VENTILATION LOCAL:

Recommended MECHANICAL:

Not required

PROTECTIVE GLOVES: Chemical resistant gloves. **EYE PROTECTION:** Safety glasses or chemical goggles. **OTHER PROTECTIVE EQUIPMENT:** Eye wash station.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool dry area. Do not freeze. Keep container tightly

closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT ID NUMBER: None **DOT PROPER SHIPPING NAME:** None

DOT CLASS: None **DOT PACKING GROUP**: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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