

MATERIAL SAFETY DATA SHEET

(Conforms to 29CFR 1910 1200 - OSHA Hazard Communications Standard)

SECTION I : PRODUCT IDENTIFICATION

PRODUCT NAME: ENRUST RUST CONVERTER

MANUFACTURER: NAPASCO, INC.
213 MAIN PROJECT RD.
SCHRIEVER, LA 70395

EMERGENCY NUMBER: 1-800-255-3924 (CHEM TEL)

INFORMATION NUMBER: 1-800-325-3407

SECTION II : HAZARDOUS INGREDIENTS

<u>Substance</u>	<u>Approx. %</u>	OSHA	ACGIH	CARCINOGENICITY			CAS
		<u>PEL</u>	<u>PEL</u>	<u>NPT</u>	<u>IARC</u>	<u>OSHA</u>	<u>NO.</u>
Tannic Acid	< 3.00	10 ppm	10 ppm	Y	Y	N	1401-55-4
Oxalic Acid	< 1.00	1 ppm	1 ppm	N	N	N	144-62-7
Ethylene Glycol	< 5.00	50 ppm	50 ppm	N	N	N	107-21-1
2-(2-Ethoxyethox) ethanol	< 5.00	N/A	N/A	N	N	N	111-90-0

SECTION III : PHYSICAL DATA

Boiling Point (F):	210-220 degrees F.	Specific Gravity:	1.040
Vapor Pressure (mm Hg):	Not Determined	% Volatile (Volume %):	55-65
Vapor Density (air=1):	< 1.0	Evaporation Rate (water=1):	~1
Solubility in Water:	Soluble	pH:	1.5-2.0
Appearance and Odor:	White Milky liquid, bland odor		

SECTION IV : FIRE AND EXPLOSIVE HAZARD DATA

Flash Point (F.):	None	Flammable Limits in air (volume %):	
Test Method:	Closed Cup	Upper:	N/A
Special Fire Fighting Procedure:	None	Lower:	N/A
Unusual Fire and Explosion Hazard:	None		
Extinguishing Media:	Water, Foam, Carbon Dioxide, Dry Chemical		

SECTION V : REACTIVITY DATA

Stability:	Stable	Hazardous polymerization:	Will not occur
Incompatibility:	Oxidizing Agents		
Hazardous decomposition products:	Thermal Decomposition may produce oxides of carbon		

SECTION VI : HEALTH HAZARD DATA

Threshold limit value: Not Established
Primary Route(s) of Exposure: EYES: Severe Irritation INGESTION: Gastrointestinal irritation, Nausea, Diarrhea. SKIN: Prolonged contact can lead to mild irritation, formation of dark colored stains.
Emergency and First Aid Procedures: EYES: Flush with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. INGESTION: Give affected person several glasses of water and induce vomiting, obtain medical attention. Never give anything by mouth to an unconscious person. SKIN: Remove contaminated clothing and launder before re-use. Wash skin thoroughly with soap and water.

SECTION VII : SPILL OR LEAK PROTECTION

Steps to be taken if material is released or spilled: Soak up with absorbent material and place in a properly labeled closed container for disposal.
Waste Disposal Method: Consult local environmental authorities.

SECTION VIII : SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation
Ventilation: Local exhaust recommended; mechanical not required.
Protective Gloves: Rubber gloves
Eye Protection: Chemical goggles
Other Protective Equipment: Emergency shower and eye wash station.

SECTION IX : SPECIAL PROTECTION

Precautions to be taken in handling and storage: Store in a cool dry place. Keep container closed tightly when not in use. Keep out of reach of children

HAZARD RATING SYSTEM

NFPA 704*		HMIS		KEY
Health	2	Health	1	0=Insignificant
Flammability	0	Flammability	0	1=Slight
Reactivity	0	Reactivity	0	2=Moderate
Special	N/A	Personal Protection	B	3=High
				4=Extreme
				B=Eye protection, Gloves.

*National Fire Protection Association rating identifies the severity of hazards of material during fire emergency (i.e., 'on fire')

**Hazardous Materials Identification system, National Paint and Coating Assn. Rating applies to product 'as packaged' (i.e., ambient temp.)

USER RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during use. Each aspect of your operation should be examined to determine if or where, additional precautions may be necessary. All Health and Safety information contained in this bulletin should be provided to your employees and customers. It is your responsibility to use this information to develop appropriate work and practice guidelines and employee instructional programs for your operation.

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