

MATERIAL SAFETY DATA SHEET

Products Distributed By:
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SECTION I: PRODUCT NAME

#21-77 RUST CONVERTER
#21-77E RUST CONVERTER ECONOMY BLEND

SECTION II: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
*Ethylene Glycol CAS #107-21-1	50 ppm			4.3
*2-(2-Ethoxyethoxy) Ethanol CAS #111-90-0	N/A			5.0
*1-Methoxy-2-Propanol CAS #107-98-2	100 ppm			5.0
Tannic Acid CAS #1401-55-4	10 ppm			<8.0
Oxalic Acid CAS #114-62-7	1 ppm			<2.0

*This chemical is subject to SARA Section 313 Reporting Requirements.

SECTION III: PHYSICAL DATA

BOILING POINT	215 ⁰ F
VAPOR PRESSURE	Not Det.
VAPOR DENSITY	Not Det.
SOLUBILITY IN WATER	Soluble.
SPECIFIC GRAVITY (H ₂ O=1)	1.11
MELTING POINT	N/A
EVAPORATION RATE (H ₂ O=1)	1.0
APPEARANCE AND ODOR	Tan, opaque emulsion, bland odor.

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: None.
LEL: N/A
UEL: N/A

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

SPECIAL FIREFIGHTING PROCEDURES: None.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION V: REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Cannot occur.

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield carbon monoxide and carbon dioxide.

SECTION VI: HEALTH HAZARD DATA

HEALTH HAZARDS: Prolonged or repeated exposure to skin may result in absorption of toxic amounts. Overexposure may cause liver, kidney, lung & blood abnormalities.

EFFECTS OF OVEREXPOSURE:

FIRST AID:

Eyes: Irritation, redness, destruction of tissue

Flush with water for 15 min. Call physician.

Skin: Moderate to severe irritation, redness & chemical burns.

Wash with soap & water. Launder clothing before re-use.

Inhalation: Respiratory tract irritation.

Remove from contaminated area to fresh air. Call physician.

Ingestion: Gastrointestinal irritation, burns of mouth & mucous membranes, nausea, diarrhea.

Call physician immediately. Give large quantities of water and induce vomiting. Never induce vomiting or give water if person is unconscious.

Carcinogenicity: No.

NRP: Tannic Acid.

IARC Monographs: Tannic Acid

OSHA Regulated: No

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear suitable protective gear. Stop spill or leak by repositioning container. Contain spill. Soak up on inert absorbent or flush away with water.

WASTE DISPOSAL METHOD: Consult local environmental authorities for disposal information according to federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in cool, dry place. Close container tightly when not in use. Protect from freezing or temperature above 120°F

OTHER PRECAUTIONS: Keep out of reach of children.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:

Use only with adequate ventilation. NIOSH/MSMA approved respirator if workplace exposure limit is exceeded.

VENTILATION:

Either local or general exhaust.

PROTECTIVE GLOVES:

Rubber gloves.

EYE PROTECTION:

Chemical goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Protective clothing to prevent contact with skin, emergency shower, eye wash facilities.

WORK/HYGIENIC PRACTICES:

Wash hands before eating.

Recommendations for the use of this product are based on reliable tests. No guarantee of results are implied where conditions are beyond our control. Under no circumstances or conditions, either expressed or implied, will Topaz Industries, Inc. be liable for damages in excess of the purchase price of this product. Keep out of reach of children. For Commercial, Industrial or Professional Use Only.