

Material Safety Data Sheet



RUSTOP RUST CONVERTER

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FOR CHEMICAL EMERGENCY
Call INFOTRAC
800/535-5053 (24 HOURS)

Section I: Product Identification

Product name: RUSTOP
Synonym: Rust Converter
Molecular Formula: Proprietary Blend

The "Plain English" Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this "PLAIN ENGLISH" section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

Health Hazards: RUSTOP is an industrial chemical. We call it "environmentally preferred" because it is intended to replace products that are more hazardous. This does not mean that it is completely harmless. We suggest you wear gloves and avoid exposure to unprotected skin. Don't get it in your eyes, or breath large amounts of the vapor, (it will dry out your nasal passages). Used on a rag or from a spray bottle, the product won't produce fumes in any great quantity, (don't spray it under high pressure without adequate ventilation). For more exposure and first aid information, please read the complete MSDS.

Flashpoint: No flashpoint.

Disposal: Straight from the drum, RUSTOP is not considered a corrosive hazardous waste product. Once it is contaminated with whatever you are cleaning, the resulting mixture may fall under a hazardous classification, depending on whether or not the material you are cleaning is hazardous. If you aren't sure how to dispose of this material, give us a call and we will help you make the right decisions.

Section II: Hazardous Components

Chemical Name Vinyl Copolymer
CAS No. N/E
Approx. wt.% 30-60%
Exposure ACGIH-TLV – N/E
OSHA-PEL – N/E

Chemical Name Tannic Acid
CAS No. 1401-55-4
Approx. wt. % 1-10%
Exposure ACGIH-TLV – N/E
OSHA-PEL - N/E

Chemical Name *2-Butoxyethanol
CAS No. 111-76-2
Approx. wt. % 1.7%
Exposure ACGIH-TLV - 50 ppm (Skin)
OSHA-PEL - 20 ppm

(* Reportable under SARA Title 3 Section 313)

RCRA REGULATED: No

CERCLA (superfund): N/A

ALL MATERIALS IN PRODUCT ARE TSCA LISTED.

DOT Regulated: No

DOT Haz. Class: N/A

DOT Shipping Name: N/A

DOT Number: N/A

Section III: Physical Data

Appearance & Odor: Opaque, white, slightly viscous liquid with a very slight "vinyl" odor.

Boiling Point: 218° F

Evaporation Rate (Water=1): 1

pH: 2

Solubility In Water: Dispersible

Specific Gravity: 1.290

Vapor Density (AIR=1): N/A

Vapor Pressure: Approx. 17 mm Hg

VOC Content: 22 grams/liter

Section IV: Fire and Explosion Hazard Data

Flash Point (Method):
Bulk Liquid (TCC) None

Flammable Limits: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazards: N/A

Section V: Reactivity Data

Stability: Stable

Conditions to Avoid:
Alkaline materials and oxidizing agents.

Incompatibility (materials to avoid) : Alkaline materials and oxidizing agents

Hazardous Decomposition:
Carbon monoxide, carbon dioxide, various hydrocarbons.

Hazardous Polymerization:
Will not occur.

Section VI: Health Hazard Data

Primary Routes of Exposure:
Oral, Skin, Eyes

Ingestion:
Acute: Moderately toxic
Chronic: Damage to throat and esophagus.

Inhalation:
Very high concentrations may irritate eyes, nose and respiratory passages.

Eyes:
Acute: Irritant
Chronic: Corneal damage

Skin or Contact:
Moderate irritant in repeated dermal applications.

First Aid:

Ingestion: Drink 1-2 glasses of water. If gastrointestinal symptoms develop, consult doctor.

Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen, if breathing has stopped, give artificial respiration.

Eyes: Flush with copious amounts of water for at least 15 minutes. Call a physician.

Skin: Flush with copious amounts of water.

Carcinogen: NTP – Not Listed
IARC Monographs – None
OSHA REGS – Not Regulated

Section VII: Precautions for Safe Handling

HMIS Information:
Health – 2 / Reactivity – 0
Flammability – 0 Personal Protection – C

HMIS Definition:
0 – Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Extreme
"/" in the Health Category denotes material does not target any major organs.
"" in the Health Category denotes material may target certain organs.

Eye Protection:
Splash goggles or safety glasses are recommended.

Protective Gloves:
Rubber gloves are recommended.

Respiratory Protection:
None required with normal use.

Ventilation: Local – exhaust adequate
Mechanical – none required

Other Protective Clothing: Protective apron for clothing may be advisable.

Work Practices: Use with adequate ventilation. Wash hands after use.

Section VIII: Control Measures

Spills: Rinse spilled material with copious amounts of water

Waste Disposal Method: Dilute with copious amounts of water and flush down normal sanitary drain.

Precautions To Be Taken In Handling & Storing: Keep from freezing. Keep container closed when not in use.

Other Precautions: Keep this and all chemicals out of the reach of children.

Section IX: Part Number and Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>
Rustop	017-5	5 Gal Pail
Rustop	017-1	4x1 Gal Pail

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END OF MSDS