

# Material Safety Data Sheet



## RUST RIP Rust Remover and Phosphatizer

Rev. 06/06/2007

2177A Flintstone Drive  
TUCKER, GA 30084  
[www.ecolink.com](http://www.ecolink.com)  
email: info@ecolink.com  
800/886-8240 or  
770/621-8240 (9-5 EST)

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

### Section I: Product Identification

Product name: RUST RIP  
Synonym: Rust Remove and Phosphatizer  
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:** RUST RIP 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. It is strong enough to remove rust, so it can irritate your skin. You must 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.

**Disposal:** Straight from the drum, RUST RIP is considered hazardous due to its pH. 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: Chemical or Hazardous Components

Chemical Name	*2-Butoxyethanol
CAS No.	111-76-2
Approx. wt. %	4-7%
Exposure	ACGIH-REL – 5 ppm (Skin) OSHA-PEL – 50 ppm (Skin)

Chemical Name	*Phosphoric Acid
CAS No.	7664-38-2
Approx. wt. %	22-27%
Exposure	ACGIH-REL – 1 mg/m <sup>3</sup> OSHA-PEL – 1 mg/m <sup>3</sup>

(\* Reportable under SARA Title 3 Section 313)

ALL MATERIALS IN PRODUCT ARE TSCA LISTED

RCRA REGULATED:	Yes
CERCLA (superfund):	Reportable
DOT Regulated:	Yes
DOT Haz. Class:	Corrosive
DOT Shipping Name:	Compounds, liquid cleaning, and corrosive
DOT Number:	NA 1760

### Section III: Physical Data

Appearance & Odor:	Clear, colorless liquid with Glycol Ether odor
Boiling Point:	221° F.
Evaporation Rate (H2O=1):	1
PH:	< 1.0
Percent Volatile:	74.75%
Solubility In Water:	Soluble
Specific Gravity (H2O=1):	1.143
Vapor Pressure (psia.):	N/A
Vapor Density (AIR=1):	N/A
VOC	57 g/l

## 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:	Contact with alkaline materials and oxidizing agents
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur.

## Section VI: Health Hazard Data

Primary Routes of Exposure: Oral, skin, eyes	
Ingestion: Can cause severe damage to mucous membranes.	
Inhalation: Mist can cause damage to nasal and respiratory passages.	
Eyes: Can cause eye irritation and possibly corrosive burns.	
Skin or Contact: Contact/absorption: prolonged or repeated exposure may cause skin damage.	
First Aid:	
<u>Ingestion:</u>	Give 1 to 2 glasses of water followed by milk of magnesia, if available. Get medical attention.
<u>Inhalation:</u>	Remove individual to fresh air. If breathing is difficult, administer oxygen, if breathing has stopped, give artificial respiration
<u>Eyes:</u>	Flush with copious amounts of water for at least 15 minutes. Get medical attention if irritation persists.
<u>Skin:</u>	Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and launder before reuse.
<u>Carcinogen:</u>	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:	Impermeable chemical gloves, liquid proof, are recommended.
Respiratory Protection:	None required with normal use.
Ventilation:	Local exhaust adequate mechanical/none required.
Other Protective Clothing:	Protective apron for clothing and boots may be advisable.
Work Practices:	Use with adequate ventilation. Wash hands after use.

## Section VIII: Control Measures

<u>Spills:</u>	Dilute spilled material with copious amounts of water, neutralize with an alkaline material, such as soda ash, and then flush down normal sanitary drain.
<u>Waste Disposal Method:</u>	Dispose of in accordance with all local, state and federal regulations.
<u>Precautions To Be Taken In Handling &amp; Storing:</u>	Keep container closed when not in use.
<u>Other Precautions:</u>	Keep out of the reach of children.

## Section IX: Part Number and Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>
Rust Rip	135-55	55 Gal Drum
Rust Rip	135-5	5 Gal Pail
Rust Rip	135-1	4 x 1 Gal Case

DISCLAIMER: Ecolink, Inc. believes the information contained herein is accurate. However, Ecolink makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained by the use thereof. Ecolink, Inc. assumes no responsibility for injury from the use of the product described herein.

END OF MSDS