



# Rust Remover

## SECTION I - PRODUCT IDENTIFICATION

**MANUFACTURER:** XL North, P.O. Box 2682, 63 Water Street, Fall River, MA 02722

Telephone: 888-530-2259 Fax: 508-673-2222

**PRODUCT NAME:** Rust Remover

**PRODUCT TYPE:** Safe and Effective Rust Spot Remover

## SECTION II - HAZARDS IDENTIFICATION

**ROUTE OF ENTRY:** Eyes; Skin; Inhalation  
**TARGET ORGANS:** Eyes; Skin; Respiratory System  
**INHALATION:** Can cause irritation and inflammation of the respiratory tract.  
**SKIN CONTACT:** Irritating to skin; may cause burns, blisters and itching.  
**EYE CONTACT:** Irritating to eyes, eye damage may occur.  
**INGESTION:** Irritating to intestinal tract; may cause burns, vomiting, stomach pain, and disorientation.

**HMIS HEALTH:** 2

**HMIS FLAMMABILITY:** 1

**HMIS REACTIVITY:** 0

**HMIS PPE GUIDE:** B

This MSDS conforms to the requirements contained in 29CFR1910.1200

**HMIS Key:** 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

## SECTION III - HAZARDS IDENTIFICATION

CAS #	Percentage	Chemical Name
144-62-7	<9%	Oxalic acid (as dihydrate)
112-34-5	<5%	Diethylene glycol monobutyl ether
7664-38-2	<6%	Phosphoric acid

**OSHA REGULATORY STATUS:** This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## SECTION IV - FIRST AID MEASURES

**INHALATION:** Remove from exposure and get fresh air. Keep warm and at rest. Get medical attention immediately if artificial respiration is required.  
**SKIN CONTACT:** Remove contaminated clothing, jewelry and shoes immediately. Flush affected area with large amounts of water, then use soap or mild detergent and large amounts of water for 15-20 minutes to cleanse area. If skin is severely irritated or burned, get medical attention immediately.  
**EYE CONTACT:** Immediately flush eyes with large amounts of water occasionally lifting upper and lower lids for at least 15 minutes. Get immediate medical attention.  
**INGESTION:** Rinse mouth with water. DO NOT INDUCE VOMITING unless instructed to by medical personnel. If vomiting occurs keep head lower than hips to help prevent aspiration. If person is unconscious, do not induce vomiting; turn their head to the side. Never make an unconscious person vomit or drink fluids. Get medical attention.

## SECTION V - FIGHTING MEASURES

**FLASH POINT:** 100°C/ 212°F

**FLASH POINT METHOD:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

Isolate area; keep unnecessary personnel away. Do not discharge into drains. Ventilate closed spaces before entering. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Wear appropriate protective equipment and clothing during cleanup. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

## SECTION VII - HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.  
**STORAGE REQUIREMENTS:** Store out of reach of children; keep container closed; store in a cool, well-ventilated place.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Normal room ventilation is satisfactory for limited use.

**PERSONAL PROTECTIVE EQUIP:** HMIS PP, B 1 Safety glasses, Gloves

Phosphoric Acid 7664-38-2 OSHA PEL 1 mg/m3

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Opaque off-white

**PHYSICAL STATE:** Liquid

**ODOR:** Sassafras

**SPEC GRAV./DENSITY:** 8.82 lb/gal

**SOLUBILITY:** Soluble

**pH:** 0.5 - 1.5

## SECTION X - STABILITY AND REACTIVITY

**STABILITY:** Product is stable under normal conditions.

**CONDITIONS TO AVOID:** None Known

**MATERIALS TO AVOID:** Strong oxidizing or acidic materials

**HAZARDOUS DECOMPOSITION:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION XI - TOXICOLOGICAL INFORMATION

### Oxalic Acid 144-62-7

**ORAL (LD 50):** Not listed on RTECS

**INTRAPERITONEAL (INJECTION):** 270 mg/kg - Mouse

**INHALATION (LC 50):** Not listed on RTECS

**SKIN IRRITATION:** Mild

**EYE IRRITATION:** Severe

**SENSITIZATION:** Not considered an occupational sensitizer

### Diethylene glycol butyl ether 112-34-5

**ORAL (LD 50):** 5660 mg/kg - Rat

**INHALATION (LC 50):** Not listed on RTECS

**SKIN IRRITATION:** Moderate

**EYE IRRITATION:** Severe

**SENSITIZATION:** Not considered an occupational sensitizer

### Phosphoric Acid 7664-38-2

**ORAL (LD 50):** 1200 mg/kg - Rat

**INHALATION (LC 50):** 25.5 mg/m3 - rat

**SKIN IRRITATION:** Severe

**EYE IRRITATION:** Severe

**SENSITIZATION:** Not considered an occupational sensitizer

## SECTION XII - ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

## SECTION XIV - TRANSPORT INFORMATION

Gallon case - Limited Quantity

5/55 gallon - UN1760 Corrosive liquids, n.o.s., (Oxalic acid), 8, III

Ship in accordance with 49 CFR parts 100-185.

## SECTION XV REGULATORY INFORMATION

### US Federal Regulations:

**COMPONENT/ (CAS/PERCENT) / CODES**

\*Oxalic acid (as dihydrate) (144627 <9%) MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

\*Diethylene glycol monobutyl ether (112345 <5%) TSCA, WHMIS

\*TPXAhloRs.p hWoHrMilc S

### Regulatory Key Descriptions

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances

EPCRAWPC = EPCARA Water Priority Chemicals

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-know List of Hazardous Substances

PA = PA Right-to-know List of Hazardous Substances

SARA313 = SARA 313 Title II Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level

WHMIS = Workplace Haz Mat Info Sys Canada

## SECTION XVI - OTHER INFORMATION

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

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Product By



Questions or Comments:

**888-530-2259**

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