

# MATERIAL SAFETY DATA SHEET

ITEM #: MDS88000T5

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200  
2005

UPDATED: JANUARY 26,

HMIS RATING: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = C  
NFPA RATING: HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0

## IDENTITY - As used on Label and List

# MEDLINE RUST AND STAIN REMOVER

## SECTION I - Contact Information

### MARKETED OR DISTRIBUTED BY:

Medline Industries, Inc.  
One Medline Place  
Mundelein, IL 60060  
1.800.MEDLINE

*Emergency Telephone Number:*  
**Contact Your Local Poison Control Center**

## SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Specific Chemical Identity; CAS Number *Phosphoric Acid, #7664-38-2	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	N/D	13.5%

**DOT:** This product has been tested in accordance with DOT regulations concerning the transportation of hazardous materials and was found to be non-hazardous as it is not corrosive to metal or to skin.

\* SARA Title III, Section 313 reportable chemical.

## SECTION III - Physical/Chemical Characteristics

**Boiling Point:** N/A      **Specific Gravity (H<sub>2</sub>O = 1):** 1.08  
**Vapor Pressure (mm Hg.):** N/D      **Melting Point:** N/A  
**Vapor Density (AIR = 1):** N/D      **Evaporation Rate (Butyl Acetate = 1):** N/D  
**Solubility in Water:** Miscible      **pH:** <1.40  
**Appearance and Odor:** Clear, violet liquid with mild odor.

## SECTION IV - Fire and Explosion Hazard Data

**Flash Point (Method Used):** N/A  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Water fog, dry chemical, or carbon dioxide.  
**Special Fire Fighting Procedures:** Use full protective clothing and self-contained breathing apparatus. Thermal decomposition emits toxic fumes of oxides of phosphorous.  
**Unusual Fire and Explosion Hazards:** Vapors can be ignited by high intensity source of ignition.

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ITEM #: MDS8800T5

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## SECTION V - Reactivity Data

**Stability:** Stable

**Incompatibility (Materials to Avoid):** Strong bases and reactive metals.

**Hazardous Decomposition or Byproducts:** Oxides of phosphorus and carbon, hydrogen chloride.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None

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## SECTION VI - Health Hazard Data

**Route(s) of Entry:**

**Inhalation:** Yes

**Skin:** Yes

**Ingestion:** Yes

**Health Hazards (Acute and Chronic):**

**Inhalation:** Prolonged exposure may result in lightheadedness and/or irritation to nose and throat.

**Eyes:** Will cause irritation and burning.

**Skin:** May cause mild to severe irritation.

**Ingestion:** Accidental swallowing may result in irritation to mouth and throat, and abdominal discomfort.

**Carcinogenicity:**

**NTP:** N/A

**IARC Monographs:** N/A

**OSHA Regulated:** N/A

**Signs and Symptoms of Exposure:**

**Inhalation:** Irritation to nose and throat, difficulty breathing and/or lightheadedness.

**Eyes:** Irritation, redness, excessive tear production, and/or burning sensation.

**Skin:** Irritation and/or redness.

**Ingestion:** Burning sensation in mouth and throat and/or abdominal pain.

**Medical Conditions Generally Aggravated by Exposure:** Preexisting skin and respiratory disorders may be aggravated by exposure to this product.

### **Emergency and First Aid Procedures:**

**Inhalation:** Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

**Eyes:** Rinse with water for at least 15 minutes. Seek medical attention immediately. **Skin:** Wash with soap and water. If irritation persists, seek medical attention.

**Ingestion:** Rinse mouth with water. Dilute by drinking 1 or 2 glasses of water. Do not induce vomiting. Call a physician immediately. Never give anything to an unconscious person.

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## SECTION VII - Precautions for Safe Handling and Use

**Steps to Be Taken in Case Material is Released or Spilled:** Dike and neutralize with lime or soda ash.

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state, and federal regulations.

**Precautions to Be Taken in Handling and Storing:** Store in a cool, dry, well ventilated area.

**Other Precautions:** Keep out of reach of children. Follow instructions for product use.

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## SECTION VIII - Control Measures

**Respiratory Protection (Specific Type):** None

**Ventilation: Local Exhaust:** Yes

**Special:** None

**Mechanical (General):** Yes

**Other:** None

**Protective Gloves:** Neoprene.

**Eye Protection:** Splash goggles.

**Other Protective Clothing or Equipment:** Rubber apron.

**Work/Hygienic Practices:** Keep away from skin and clothing.

*Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively.*

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*The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable.*

*Medline Industries, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.*

*Revised: 12/31/01*

*Updated telephone numbers*