



RUST-OUT

Instant Rust Remover

DESCRIPTION

Rust-Out has rapid penetration into fabrics for rust removal. Removes rust from cotton, linen, silk, wool, and synthetic fibers.

SPECIAL INFORMATION

DO NOT USE *Rust-Out* on metallic-weighted silk or fiberglass fabrics or fabrics containing metallic yarns, on porcelain, glass, enamelware, etc. For colored fabrics, first test in an inconspicuous area for color-fastness. *Rust-Out* will not injure most colors.

DIRECTIONS

1. Always apply *Rust-Out* to the rust spot with the nozzle of the bottle. **NEVER RUB WITH FINGERS.** Most stain will disappear instantly. On extreme or old rust stains, steam the spot with moist steam after saturating with *Rust-Out*.
2. Rinse area thoroughly with water when stain has disappeared. Thorough rinsing is essential before ironing or allowing fabrics to dry. Otherwise, handling the fabrics may cause burns, the stain may reappear, or fogging of nearby glass or porcelain surfaces may occur, particularly in confined areas.

Instructions are important for "on location" carpet stain removal. For further information, please contact your Maxim representative.

PHYSICAL DATA

Appearance	Liquid
Color	Clear to hazy
Foam	Moderate
Odor	Pungent
pH	Strong Acid

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **REYNOLDS RUSTOUT** WHMIS CODE: D1B, E
 Proper Shipping Name: EXEMPT UNDER LIMITED QUANTITY PROVISION OF TDG REGULATIONS.
 Product Use: *Dry Cleaning Rust Remover* Hazard Class: N/A
 UN Number: N/A

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ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	TLV
Orthophosphoric Acid LD50 (oral, rat): 3500 mg/kg LD50 (dermal): 1260 mg/kg LC50: Not available	7664-38-2	30.0-60.0	1 ppm
Citric Acid LD50 (oral, rat): 5040 mg/kg LD50 (dermal): Not available LC50: Not available	77-92-91	5.0-10.0	
Oxalic Acid LD50 (oral, rat): 375 mg/kg LD50 (dermal): 20,000 mg/kg LC50: Not available	144-62-7	5.0-10.0	

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear liquid, no specific odour **Boiling Point:** N/D **Vapor Pressure:** N/D **pH:** 1.4
Physical State: Liquid **Melting Point:** N/D **Vapor Density:** N/D **Specific Gravity:** 1.3
Coef. Water/Oil Dist: Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** N/D

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to boiling **Sensitivity to Mechanical Impact:** None. **Conditions of Flammability:** None known
Flammable Limits: None known **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known
Extinguishing Media: Product not flammable.
Unusual Fire and Explosion Hazards: Prolonged contact with reactive metals (mild steel, aluminum, zinc, etc.) may form flammable hydrogen gas.
Hazardous Combustion Products: None known
Special Fire Fighting: Wear a NIOSH/MSHA approved self contained breathing apparatus in fire fighting situations

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable, under normal storage conditions **Hazardous Polymerization:** Will not occur.
Incompatibility (material to avoid): Strong alkalis or metals like aluminum zinc, etc.
Hazardous Decomposition Products: Carbon oxides, phosphorus oxides. Flammable hydrogen gas may be produced on prolonged contact with metals like aluminum, zinc, etc.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin and eye contact, inhalation
Irritancy of Product: Corrosive to eyes, skin and respiratory system. **Carcinogenicity:** None known
Sensitization: Sensitization may occur in sensitive individuals. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Repeated exposure to concentrated product will cause skin damage
Effects of Acute Exposure to Product: Corrosive: Product exposure will irritate and burn skin and eyes. Inhalation of vapours/mists may cause irritation of respiratory system and inflammation of the lungs, headaches, nausea and dizziness. Ingestion of undiluted product will be corrosive to digestive tract and may be fatal.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Use a NIOSH/MSHA approved acid gas respirator for vapors and dust/mist respirator for misting or spraying operations
Ventilation: Good general ventilation or local exhaust ventilation for product use in confined areas.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or face shield.
Protective Clothing and Equipment: Long sleeves coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F).
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spill into an approved waste container. For small spills soak up with a suitable absorbent and dispose into an approved waste container. Keep material away from sewers and natural waters.
Waste Disposal Method: Reuse if possible, otherwise dispose recovered material in accordance with all local provincial and federal regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F).

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: (306) 347-0444 LAST UPDATE: Jan. 6, 2015
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE