

MATERIAL SAFETY DATA SHEET

Page 1 of 2

3/27/12

PRODUCT NAME: Rust Remover

PREPARER: Larry Stevens

PRODUCT TYPE: **RUST STAIN REMOVAL**

Manufactured for SPR International inc.
ADDRESS: 320L Northpoint Parkway SE, Acworth, GA 30102
Phone: 770-966-1331 24 Hour Emergency (3-E) 1-800-451-8346

INGREDIENT INFORMATION

Hazardous Ingredients	Cas No.	Limits	OSHA	PEL	MG/M3	STEL
Hydrogen Chloride (Sara 6.5%)	7647-01-0	5PPM OSHA	OSHA	PEL:3		
Phosphoric Acid (Sara 11.9%)	7664-38-2	1PPM/M3	OSHA			
2-Butoxyethanol (Sara Glycol Ether 3.3%)	111-76-2	25 PPM	OSHA PEI			

(Sara) Any Ingredient so designated is subject to reporting under Sara Title III. Section 313 and 40 CFR Part 372

PHYSICAL AND CHEMICAL CHARACTERISTICS

PH Less Than 1	Solubility in Water Complete
Boiling Point 220 Deg. F	Specific Gravity 1.11
Percent Volatile 85	Vapor Density ND
Physical State Liquid	Odor/Color Glycol Ether/Purple
Flash Point NA	Vapor Pressure ND
Extinguisher Media NA	Evaporation Rate ND
Special Fire Fighting Procedures Self Contained Breathing Apparatus Needed In a Fire	
Unusual Fire and Explosion Hazards Hydrogen Chloride will be Emitted if involved in a Fire.	

REACTIVITY DATA

Stability Stable Incompatibility Chlorine Bleach, Cyanides, Alkalines
Hazardous Decomposition Products Hydrogen Chloride, Sulfur Dioxide
Hazardous Polymerization () will occur, (x) will not occur
Conditions to avoid do not use, mix or store with bleaching agents like chlorine bleach or cyanides as Toxic, irritating gasses may be formed if materials come in contact. Contact with some metals will liberate flammable hydrogen gas.

HEALTH HAZARD DATA

Signs and Symptoms of Exposure: Corrosive to skin, eyes, and mucous membranes. Harmful or fatal if swallowed. Fumes will irritate respiratory system and eyes. May be absorbed through the skin. Symptoms include difficult breathing, gastric pain, vomiting, dizziness, headache. Skin and respiratory illness' may be aggravated by exposure.

Emergency and First Aid Ingestion: Immediately give 1 or 2 glasses of water followed by several tablespoons of milk of magnesia. Get prompt medical attention. DO NOT INDUCE VOMITING. Should vomiting occur, keep victims head below waist to prevent aspiration into lungs.

Eyes and Skin: Immediately flush with water and continue for 15 minutes. For eyes or skin irritation develops, get prompt medical attention.

Inhalation: Get victim fresh air. Apply artificial respiration if needed. Get prompt medical attention.

Chronic effects: Repeated overexposure can cause damage to liver, kidneys, lungs, and blood elements. Vapor overexposure can damage respiratory system.

Listed Carcinogens: None

SPECIAL PROTECTION INFORMATION

General: Avoid skin and eye contact and breathing or vapor

Protective Equipment: goggles or face shield, impervious gloves, and apron

Ventilation: required, mechanical

Other: respirator for HCl if vapors are a problem, access to water

SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

Handling and Storage: Store in closed, original container away from incompatible materials listed above. Do not mix with any other chemical unless specifically directed Use only with good ventilation.

Release or Spill: Neutralize with sodium bicarbonate to pH 6 to 9 and flush to sewer with lots of water.

Waste Disposal: Un-neutralized material must be disposed of as a HAZARDOUS, CORROSIVE WASTE. Contact your local or state ENVIRONMENTAL AGENCY for guidance.

SPR International Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

All information appearing herein is based upon data and/or recognized technical sources. While the information is believed to be accurate, SPR International Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond SPR International Inc. control, and therefore, users to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes, and they assume all risk of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated, and does not relate to its use in combination with any other materials or in any other process.

Note from SPR International Inc.: The product, if used in a confined area and in concentrated amounts, could be a cause for some concern, however, this product has been used in a diluted form, on roofs of homes and buildings for many years with 100% success. It has not been harmful to plants, animals, or humans in any way. SPR International Inc. has not had any loss associated with its use nor have any of its dealers recorded any loss from its use.

NA=NOT APPLICABLE, ND=NOT DETERMINED