

Material Safety Data Sheet

SECTION I - PRODUCT IDENTIFICATION

Product Name: Topps RustArrestor™ RRC-600
Generic Identification: Rust Neutralizer
Vendor: Topps Products, Inc.
P.O. Box 515
Stilwell, KS 66085-0515

Telephone Number: 1 (800)255-3924 CHEM-TEL (813) 248-0573
**"ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL,
LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS"**

Hazard Class: ANSI = HEALTH: 2 FIRE: 0 REACTIVITY: 1 FOURTH DIAMOND: ANSI
Hazard Class: HMIS = HEALTH: 2 FIRE: 0 REACTIVITY: 1 P.P.E: B

SECTION II - HAZARDOUS COMPONENTS

INGREDIENT	CAS NO.	EINECS	OSHA PEL	ACGIH TLV	OTHER LIMITS	RECOMM %
Water	7732-18-5					50-99%
Phosphoric Acid	7664-38-2		1mg/m3 8-hr TWA	1 mg/m3 8hr TWA	<20	
1-(2-butoxy-1Methylethoxy) Propan2 ol	29911-28-2					<20

Further detail on contents is confidential. Any hazards are included in this MSDS.

SECTION III - HAZARDS IDENTIFICATION

Major Routes of Entry: Skin Contact Inhalation

Inhalation: Breathing of mist or vapors may be irritating to the respiratory tract.

Eye Contact: This product can cause eye burns. Injury may be permanent. Seek Medical attention immediately

Skin Contact: This product can cause mild transient skin irritation with short term exposure. The degree of irritation will depend upon the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation (dermatitis). Wash affected areas with soap and water.

Ingestion: If swallowed, this material may be harmful. May cause nausea, vomiting, abdominal discomfort, burns or a burning sensation behind the breast bone.

SECTION IV - FIRST AID MEASURES

Inhalation: Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If breathing is difficult, oxygen should be administered by a qualified individual. Seek medical attention immediately. Keep the affected person warm and at rest.

Eye Contact: Check for/remove contact lenses. Flush eyes with cool, clean, low pressure water for at least 15 minutes while occasionally lifting and lowering eyelids. Do not use eye ointment unless directed by a physician. Seek medical attention.

Skin contact: Remove contaminated shoes and clothing. Flush affected area with large amounts of water. If skin is damaged, apply a clean dressing and seek medical attention. Do not use ointments. If skin is not damaged, clean affected area thoroughly with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists.

Ingestion: Do not induce vomiting. Offer a glass of water to drink. Never give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING DATA

Flash Point: Minimum 188 C (cc)
Auto ignition Temp: Not Applicable

Hazardous Decomposition or Byproducts: Not Applicable

Extinguishing Media: Not Applicable

Unusual Fire and Explosion hazards: Although this product is not combustible, it can react with metals to produce hydrogen gas which is highly flammable.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Contain large spills with dykes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with an inert material and then place in a chemical waste container. Neutralize washings with a base such as soda ash or lime. Flush residual spill area with large amounts of water.

SECTION VII – HANDLING AND STORAGE

Handling: Misuse of empty containers can be dangerous; they may contain residual material which can cause burns..
Dispose of all empty containers in accordance with federal, state and local regulations.

Storage: Store in a cool, dry well ventilated area. Keep containers tightly closed. Do not store this material in unlabeled containers.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapor below the workplace exposure limits listed below.

Personal Protective Equipment: Personal protective equipment should be used when working with this material in a typical outdoor work environment.
Breathing – NIOSH approved breathing mask recommended if necessitated by situation.
Eye Protection – Safety glasses with side shield are recommended as minimum protection.
Hand Protection – Avoid skin contact, use rubber gloves constructed of a chemical resistant material and wash hands with soap and water before eating or drinking. Do not use gasoline or kerosene to wash hands. Mild industrial hand cleaners may be used.
Body Protection - Avoid skin contact, change contaminated clothing immediately.
General Comments – Be sure to use this product in a well ventilated area as vapors can build up in unventilated areas to hazardous levels and become a combustible hazard.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ~ 135 °F	Vapor Pressure (mm Hg): Less than .05 mmHg (at 20 C
Melting Point: N/D	Specific Gravity (H ₂ O = 1): 1.010
Solubility in Water: soluble	Appearance and Odor: Clear, Colorless liquid with nonoffensive odor
Freezing Point : - 17 C	VOC limit 142 g/l maximum

SECTION X – STABILITY AND REACTIVITY

Chemical Stability: Stable Hazardous Polymerization: will not occur

Conditions to avoid: Keep away from unintended exposure to metals, which may liberate hydrogen gas in closed areas. Avoid contact with sulfides and sulfites which could release toxic gases.

Material Incompatibility: Strong acids, alkalies, and oxidizers such as liquid chlorine, other halogens, hydrogen peroxide and oxygen.

Hazardous Decomposition : Will not occur Products

SECTION XI –TOXICOLOGICAL INFORMATION

Due to its acidity, this product is corrosive to the skin and eyes. This product may not produce an immediate burning sensation upon contact with the skin, delaying its awareness of the worker that contacted it.

Material is not expected to be toxic in furnished state.

SECTION XII –ECOLOGICAL INFORMATION

Ecotoxicity: This mixture is practically non toxic to most freshwater species of fish. Most harmful exposure limit is as follows: 96 h LC-50 (bluegill sunfish): 10,640 mg/l.

Environmental: This material will not normally float on water as it is miscible.

SECTION XIII- DISPOSAL CONSIDERATIONS

Please check with local and state agencies to determine proper disposal of unused or unwanted product. It is the responsibility of the user to determine the proper transportation and disposal for unused material. Conditions of this product may change which could cause this material to be classified as hazardous at the time of disposal. All waste must be conducted in accordance with RCRA regulations. Contact your local EPA office for assistance.

SECTION XIV – TRANSPORTATION INFORMATION

The shipping description below may not represent requirements for all modes of transportation and shipping methods or locations outside the United States.

US DOT STATUS:	A US Department of Transportation (DOT) regulated material.		
Proper Shipping Name:	UN1760 Corrosive Liquid, (Phosphoric Acid)		
Hazard Class:	DOT Class: 8 Corrosive Liquid	Packing Group	III
		UN/NA Number	1760

SECTION XV – REGULATORY INFORMATION

TSCA Inventory: This product and/or its components are listed on the Toxic Substance Control Act (TSCA) inventory.

Additional Regulatory Remarks: Federal Hazardous Substances Act, related statutes, and Consumer Product Safety Commission regulations, as defined by 16 CFR 1500.14(b)(3) and 1500.83(a)(13): This product contains "Petroleum Distillates" which may require special labeling if distributed in a form suitable for use in a household or by children and should display the following: Danger: Contains Petroleum Distillates! Harmful or fatal if swallowed! Call Physician immediately. KEEP OUT OF REACH OF CHILDREN!

SECTION XVI – OTHER INFORMATION

Refer to top of page 1 for the HMIS and NFPA Hazard Ratings for this product.

Revision information
Version number: 3.1
Revision Date: 09/07/2011

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