

MATERIAL SAFETY DATA SHEET

Date of Revision: January 2006

SECTION I - PRODUCT IDENTIFICATION

Manufactured by: **VentureTECH Corporation**
10720 Lexington Drive
Knoxville, TN 37932

Information Phone: (865) 966-2532
Emergency Phone: (865) 544-9400

Chemical Name:
Trade Name: TY-16 Rust Remover
Chemical Family: Acidic
Formula: Proprietary Blend of Phosphoric Acid
and special Detergents

! NFPA Hazard Ratings: Health - 2
! none -> extreme Fire - 0
! 0 -----> 4 Reactivity - 0
! Special Hazard Warning -
! Personal Protection -

SECTION II - HAZARDOUS INGREDIENTS

Principal Hazardous Compound:	Percent:	CAS No:	TLV:
Phosphoric Acid (Corrosive)	>40%	7664-38-2	

SECTION III - PHYSICAL DATA

Appearance & Odor: Red Liquid	Boiling Range: 135 C
Percent Volatile by Volume: Non-Volatile	Evaporation Rate: Non-Volatile
Specific Gravity: 1.29	Vapor Density:
Wt. per Gallon: 10.8lb.	Solubility in Water: Complete
pH: 1.5	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Non-Volatile Flash Point: None, LEL: UEL:

Extinguishing Media:

Non-Volatile. Fight source of fire with water spray, carbon dioxide, chemical foam, dry chemical as required by surrounding fire.

Special Fire fighting Procedures:

None are expected be to required. If this material is involved in a fire, NIOSH approved self contained respiratory should be worn. Thermal decomposition emits toxic fumes of oxides of Phosphorus

Unusual Fire & Explosion Hazards:

None known

SECTION V - HEALTH HAZARD DATA

Permissible Exposure Level:

Not Established

Effects of Overexposure:

PRIMARY ROUTS OF ENTRY:

(X) Skin Contact (X) Eye Contact () Inhalation () Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: Mild to severe irritant when inhaled or ingested.

CHRONIC: Chemical burns likely to exposed tissues.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory irritation from excessive breathing of mists or generated vapors. Causes eye burns on contact.

CARCINOGENICITY: () OSHA () NTP () IARC

EMERGENCY PROCEDURES:

FIRST AID:

Inhalation: Remove from further exposure to fresh air. Support respiration if needed. Consult physician if symptoms persist.

Skin Contact: Remove contaminated clothing and wash contaminated areas with plenty of water for 15 minutes.

Eye Contact: Flush eyes immediately with large quantities of water for 15 minutes, lifting the eyelids occasionally. Get medical attention.

Ingestion: Do not induce vomiting. Give large quantities of milk or water. Consult physician if symptoms persist.

SECTION VI - REACTIVITY DATA

Stability:

(X) Stable () Unstable

Incompatibility:

Bases, Metals such as mild steel and aluminum.

Conditions to Avoid:

Reaction of materials with metal can liberate flammable/explosive Hydrogen.

Hazardous Decomposition Products:

Oxides of Phosphorus

Hazardous Polymerization:

(X) Will not occur, () May occur

SECTION VII SPILL OR LEAK PROCEDURES

Steps To Be Taken in Case Material is Released or Spilled:

Confine as much as possible. Dike and absorb with inert material such as Oil dry or Vermiculate. Neutralize with hydrated lime or soda ash. Transfer to containers for disposal. Small spills can be mopped up. Flush contaminated area with plenty of water. Avoid wash water entering natural waterways or public water supplies.

Waste Disposal Method:

Dispose of waste in accordance with Federal, State, and local ordinances.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Recommended, Not required

Ventilation:

Local Exhaust. Good room ventilation usually adequate for most operations.

Protective Gloves:

Impervious rubber or neoprene gloves recommended.

Eye Protection:

Chemical type goggles or face shield recommended.

Other Protective Equipment:

Wear appropriate protective clothing to prevent contact with product.
Wash hands thoroughly after use.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storing:

Empty containers should be reconditioned by certified firms. Disposal of empty containers should be in accordance with applicable laws and regulations. Store in a cool, dry place. Keep container closed. Keep out of reach of children.

Other Precautions:

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TY-16 RUST REMOVER