

**MATERIAL SAFETY DATA SHEET**  
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

**SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION**

<b>Product Name:</b> RUST STOP	<b>Emergency Phone #:</b> 1-800-424-9300
<b>Supplier's Name:</b> Maintenance Equipment & Chemicals	<b>Reference code:</b> MTEQ
<b>Supplier's Address:</b> 1379 Shoemaker St., Nanty Glo, PA 15943	<b>Product #:</b> 091
<b>Phone:</b> (814) 749-9015	<b>DOT Shipping Name:</b> Corrosive Liquid NOS( Phosphoric Acid)
<b>Chemical Name:</b> Rust remover acid blend	<b>Hazard Class:</b> 8 <b>ID#</b> UN1760 <b>PG:</b> III
<b>Chemical Family:</b> Inorganic acid detergent	
<b>HMIS Hazard Code:</b> Health-2, Flammability -0, Reactivity -2	

**SECTION 2-HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Phosphoric Acid 75% (NIOSH #79) from mist only		> 50	1000ppm

**SECTION 3-PHYSICAL DATA**

**Boiling Point (F):** 212-260 F  
**Vapor Pressure:** Not determined  
**Vapor Density:** NA  
**Solubility In Water:** 100%  
**Appearance / Odor:** Clear amber liquid, mild acid detergent odor.  
**Specific Gravity:** 1.190 gr/cc  
**% Volatile:** 50-55%  
**Evaporation Rate:** (bu acetate=1) >1  
**Other:** pH 1.5

**SECTION 4-FIRE AND EXPLOSION DATA**

**Flash Point (F) / Method:** None—TCC  
**Flammable Limits:** NA  
**Extinguishing Media:** None required  
**Special Fire Fighting Procedures:** Use water spray to cool storage tanks.  
**Unusual Fire &Explosion Hazards:** Where possibility of fumes or acid contact exits during fires, wear acid proof clothing & breathing apparatus

**SECTION 5-HEALTH HAZARD DATA**

**Threshold Limit Value:** 1000ppm on > 50% if the product is misted in air  
**Effects of Overexposure:** Mist causes lung irritation. Concentrate will cause severe burns to eyes and skin. Ingestion causes internal burns.  
**Emergency & First Aid Procedures:** Flush eyes well with water and see a physician. Wash from skin immediately with water and remove and wash contaminated clothing. If ingested drink water and see a physician immediately.  
**Carcinogenicity:** NA

**SECTION 6-REACTIVITY DATA**

**Stability:** Stable  
**Conditions to Avoid:**  
**Incompatibility:** Strong bases, alkalies and amines  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur

**SECTION 7-SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled:** Neutralize with lime or soda ash. Flush neutralized spill area with plenty of water to waste water treatment system. Do not flush to sewers without neutralizing.  
**Waste disposal method:** Follow federal, state, and local regulations. Drain dilute or neutralized acid residues to sewer or waste treatment plant.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** None required when used as directed.  
**Ventilation:** NA  
**Protective Gloves:** When handling concentrate  
**Eye Protection:** Chemical safety glasses  
**Other Protective Equipment:** Full acid protection for major exposure.

**SECTION 9-SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storage:** Store in plastic or stainless steel in a cool place. Avoid contact with the eyes, skin or clothing. Keep containers closed.  
**Other Precautions:** Keep out of the reach of children. Do not mist cleaner into the air during use.

Date Prepared: 5-15-09

By: PM