

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 1/17/2006

Code: 5303

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Case Medical	Emergency Phone: 201.313.1999
Address: 65 Railroad Ave. Ridgefield, NJ 07657	Prepared By: L. Lannan
Trade Name: Schmutz Off Stain & Rust Remover	Product Type: Acid stain & rust remover

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Phosphoric Acid	7664-38-2	20-30%	1mg/M3 (TWA); 3 ppm (STEL)
Nonionic Surfactant	9016-45-9	<5%	None Established
Water	7732-18-5	65 - 75%	None Established
Other ingredients present at less than 1% by weight.			

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting requirement.

SECTION 3 - PHYSICAL DATA

Boiling point (°F.): 212°F	Specific Gravity (H2O=1.0): 1.15 ± 0.005	pH: Less than 1.0 ± 0.5	
Vapor Pressure (mm Hg): Not Determined	Vapor Density (Air=1): Not Determined		
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs. H2O): <input type="checkbox"/> <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear, colorless liquid with characteristic odor.	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits: N/A Upper Lower
Extinguishing Media: Product is noncombustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.	
Special Firefighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.	
Unusual Fire and Explosion Hazards: None	

SECTION 5 - REACTIVITY DATA

Stability: Stable	Incompatibility: Strong bases (alkali) /oxidizers/reactive metals. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products: Burning may produce oxides of carbon and other substances.	

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms of Overexposure (Acute): Corrosive to all body tissues by all routes of exposure. Contact with skin can produce burns & destroy tissues; irritation may be delayed. Contact with eyes may cause severe burns, permanent damage & possibly blindness. Harmful or fatal if swallowed — causes severe burns of the mouth, throat & stomach. Inhalation of generated mists or spray can cause respiratory irritation or damage.	
Signs and Symptoms of Overexposure (Chronic): None currently known.	
Medical Conditions Aggravated by Overexposure: An existing dermatitis and/or a respiratory illness.	
Carcinogen or Suspect Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE	

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately.	
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.	
Ingestion: Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.	
Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.	

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Avoid misting conditions. Use with adequate ventilation to control acid TLV.	
Ventilation Requirements: Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/>	Eye Protection: Safety Glasses/Goggles
Protective Gloves: Rubber/PVC	Other Protective Clothing: Protective clothing appropriate to minimize contact during specific operations.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken If Released or Spilled:	Safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound container for reuse, recycle or proper disposal.
Waste Disposal Methods:	Dispose of in an approved waste facility according to Federal, State and local regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage:	WARNING: Corrosive liquid. Handle all containers carefully. Store away from all oxidizers. Keep container closed when not in use. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

**HMS
HAZARD
RATING**

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME