

MATERIAL SAFETY DATA SHEET

Product: 02150 Metal Conditioner
 Manufacturer's Name: Precision Coatings, Inc.
 Address: 1940 E. Trafficway, Springfield, Missouri, 65802

MSDS No. 02150
 Date Prepared: August, 2005
 Emergency Telephone
 Number: 800-424-9300 Chemtrec
 Other Information
 Calls: (417) 862-0750

SECTION-1 IDENTITY

Common Name (Used on Label): 02150 Metal Conditioner
 Chemical Name: Chemical Blend
 Chemical Family: Aqueous acidic mixture
 CAS No: None
 Formula: 02150

SECTION-2 HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Components	CAS Number	Vapor Pressure	ACGIH TLV TWA STEL	OSHA		
				PEL	CEILING	PEAK
Phosphoric acid 40%	7664-38-2	nil	1mg/M3	NE	NE	NE
2-butoxyethanol 9.5%	111-76-2	0.6mmHg	25ppm	25ppm	NE	NE

SECTION-3 PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 212 F
 Percent Volatile by Volume: 65
 Solubility in Water: Complete
 Specific Gravity: 1.029
 Vapor Density (Air =1): Heavier
 Reactivity in Water: None
 Vapor Pressure (mm Hg): NE
 Evaporation Rate (Ether=1): Slower
 Appearance: Clear, liquid
 Odor: none

Flammability Classification: OSHA: Corrosive Liquid DOT: Corrosive Liquid

VOC as packaged: 1.1 lbs/gal

SECTION-4 FIRE & EXPLOSION DATA

Flash Point: 170°F
 Extinguisher Media: NFPA Class B (CO2, Dry Chemical, Foam)
 Flammable Limits in Air % by volume: LEL Lower: NE UEL Upper: NE
 Special Fire Fighting Procedures: Water spray may be ineffective on fire but can protect fire fighters and cool containers to prevent pressure buildup. Use fog nozzles if water is used. Full protective equipment, including self-contained breathing apparatus, is recommended.
 Method Used: Pensky Martins Closed Cup
 Auto-Ignition Temperature: NE

SECTION-5 PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable
 Conditions to Avoid: none
 Incompatibility (materials to avoid): common metals, cyanides, alkalis
 Hazardous Decomposition Products: Hydrogen gas from contact with metals
 Hazardous Polymerization: Will not occur.

SECTION-6 HEALTH HAZARDS

Acute Overexposure:

Caused eye and skin burns upon direct contact. Mist may be irritating to nose and throat and mucous membranes. Ingestion may cause burns to mouth and throat.

Notice: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Chronic Overexposure:

None known

Carcinogenicity: None

SECTION-7 FIRST AID

Inhalation: Remove to fresh air. Give artificial respiration if necessary. Consult a physician.
Eye Contact: Flush with water for at least 15 minutes. Consult a physician.
Skin Contact: Wash with soap and water. If irritation persists, consult a physician.
Ingestion: DO NOT induce vomiting. Call a physician immediately. Have the names of ingredients available.

SECTION-8 SPECIAL PRECAUTIONS

Observe label precautions. Close container after each use. Wash thoroughly after handling and before eating or smoking.

SECTION-9 SPILL OR LEAK PROCEDURES

Avoid contact with skin, eyes or clothes. Wear protective equipment. Neutralize with soda ash. Flush with plenty of water applied quickly to entire area.
Waste disposal methods: Dispose in accordance with all Federal, State and Local regulations.

SECTION-10 SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Avoid contact with eyes, skin or clothing. Avoid breathing vapors. May cause burns with prolonged contact.

Ventilation: Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL.

Protective clothing: Solvent and acid resistant gloves are required for contact. Refer to safety equipment supplier for effective glove recommendations.
 Use safety goggles or safety glasses with splash guards or side shields to protect against splash of liquids.
 Other protective equipment such as eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent contact. Liquid may penetrate shoes and leather causing delayed irritation.

SECTION-11 REGULATORY INFORMATION

OSHA: This product is considered hazardous under the Federal OSHA Hazard Communication Standard.

SARA Title III Section 302 Extremely Hazardous Substances: None

SARA Title III Section 311/312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Supplier Notification: The chemicals listed below with percentages are subject to the reporting requirements of Section 313 of the Emergency Planning and Right-To-Know Act of 1986 and of 40 CFR 372:

<u>CAS Number</u>	<u>Chemical Name</u>	<u>% by Weight</u>
mixture	glycol ethers	9.5
7664-38-2	phosphoric acid	40

Hazardous Air Pollutants: none

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL.

Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm: 2-butoxyethanol

DOT Proper Shipping Name: Corrosive Liquid, NOS, (Phosphoric Acid); **Hazard Class of Division 8;**

ID #: UN1760; **Packing Group:** III

SECTION-12 OTHER INFORMATION

While Precision Coatings, Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Precision Coatings, Inc. assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.