



Safety Data Sheet

Section 1, Identification

Identity: Iron Sentry MCP 9001 Rust Neutralizer/Cleaner

Synonym: Phosphoric Acid Solution

Manufacturer's Name: MCPU Polymer Engineering LLC

Address: 826 E. 4th Street, Pittsburg, KS 66762

Emergency Tel. Number: 1-800-535-5053

Information Tel. Number: 1-620-231-4239

Section 2, Hazard Identification



Danger

Harmful if inhaled.

Causes serious eye irritation.

Causes serious skin irritation.

May be fatal if swallowed and enters airways.

May cause respiratory irritation.

Warning: Contains Strong Acids. Do not breathe vapors or mists. Use with adequate ventilation. Avoid contact with skin or eyes.

Section 3, Composition Information on Ingredients

Hazardous Ingredients	CAS Number	OHSA PEL	ACGIH TLV	Weight %
Phosphoric Acid	7664-38-2			<30%
Butyl Cellosolve	111-76-2	50 ppm TWA8	20 ppm TWA8	< 5%

Section 4, First Aid Measures

Route (s) of Entry: Inhalation: 1 Skin: 1 Ingestion: 2

Health Hazards (acute and chronic): Severe skin irritation on contact. Severe eye irritation on contact

Carcinogenicity: None Known

Signs and Symptoms of Exposure: Red skin and red eyes. Severe irritation if not flushed off with water promptly.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency First Aid Procedures: Contact a physician. Flush skin areas with copious amounts of water. Remove any contaminated clothing. For eye contact, flush with copious amounts of water for at least 15 minutes.



Section 5, Fire and Explosion Hazard Data

Flash Point (method used): Not applicable

Flammable Limits: NA **LEL:** NA **UEL:** NA **Not flammable**

Extinguishing Media: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section 6, Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled: Prevent spill from entering sewers or waterways. Neutralize with sodium bicarbonate and absorb with absorbent materials. Discard as non-hazardous waste.

Waste Disposal Method: Landfill neutralized material.

Precautions to be taken in Handling and Storage: Wear Chemical Gloves and Eye Protection.

Section 7, Handling and Storage

Ventilation: Local Exhaust:

Mechanical (General):

Special:

Other:

Protective Gloves: Needed

Eye Protection: Needed

Other Protective Clothing or Equipment: Not Normally Needed

Work/Hygiene Practices: Use Normal Good Housekeeping Practices; Keep Out of Reach of Children.

Section 8, Exposure Controls/Personal Protection

Respiratory Protection: Not Normally Needed

Protective Gloves: Needed

Eye Protection: Needed

Other Protective Clothing or Equipment: Not Normally Needed

Work/Hygiene Practices: Use Normal Good Housekeeping Practices; Keep Out of Reach of Children.

Section 9, Physical and Chemical Properties

Boiling Point: 212°F **Specific Gravity:** 1.0

Vapor Pressure: ~15 mm @ 77°F **Melting Point:** NA

Vapor Density: NA **Evaporation Rate:** NA

(Butyl Acetate = 1)

Solubility in Water: Miscible

Appearance and Odor: Water white, slight ethereal odor.



Section 10, Reactivity Data

Stability: ___ Unstable **Conditions to Avoid:** _____
 X Stable _____

Incompatibilities (materials to avoid contact with):

Hazardous Decomposition Products:

Hazardous Polymerizations: ___ May Occur **Conditions to avoid:** _____
 X Will Not Occur _____

Section 11, Toxicological Information

Product LD50 (Oral): No Data

(Dermal): No Data

Product LC50: No Data

Section 12, Ecological Information

No Ecological Information is Available

Section 13, Disposal Considerations

Follow all applicable Federal, State and Local Regulations. Neutralize before disposing. Absorb into solid absorbent before sending to landfill.

Section 14, Transportation Information

DOT Proper Shipping Name: Phosphoric Acid Solution

DOT Hazard Class: 8

DOT UN/NA Number: 1805

Packing Group: 3

Emergency Response Guide Number: 154

Section 15, Regulatory Information

US Regulations:

OSHA: Not Regulated

SARA Section 313: Not on List

Toxic Substances Control Act: All substances in this product are listed on the TSCA inventory.

State Regulations:

California

Section 16, Other Information

HMIS Ratings: Health: 1 Flammability: 0 Reactivity: 0