



# MATERIAL SAFETY DATA SHEET

PRODUCT BULLETIN 05

## Chemical Product and Company Identification

Product Name: **PHIX CORROSION TREATMENT**  
PPC Catalog Number: **05**  
Manufacturers Name and Address:  
**Protective Products Corp., Box 246, Johnston, IA 50131**  
Product Use: **Rust Remover and Metal Conditioner**  
24 Hr. Emergency Telephone: **888-772-1277**  
Information Telephone: **515-986-5070**  
Issue Date: **04-01-05** Prepared by: **Dean Bibler**

## Composition/Information on Ingredients

Hazardous Components: **Phosphoric Acid CAS #7664-38-2 <10%**  
**Zinc Phosphate CAS #7779-90-0 <15%**

## Hazardous Identification

HMIS and NFPA Hazard Ratings:  
**Health - 0, Flammability - 0, Reactivity -0.**  
Skin: **Can cause irritation.**  
Eyes: **Can cause irritation, redness.**  
Ingestion: **Can cause nausea or other injury.**  
Inhalation: **Can irritate mucous lining with excessive contact.**

## First Aid Measures

Skin: **Flush with water; remove any affected clothing.**  
Eyes: **Flush with water for 15 minutes; get medical attention.**  
Ingestion: **Give large quantities of water; do NOT induce vomiting; get immediate medical attention.**  
Inhalation: **Move to fresh air.**

## Fire Fighting Measures

**None, non-flammable solution.**

## Accidental Release measures

**Flush affected area with water; dispose.**

## Handling and Storage

Storage: **Keep from freezing. Keep away from food products.**  
Handling: **Wash after using. Rinse container before disposal.**  
**Practice standard industrial hygiene.**

## Exposure Controls/Personal Protection

Ventilation: **Local fan; good general ventilation.**  
Eye Protection: **Goggles recommended.**  
Skin Protection: **Rubber gloves; appropriate clothing.**  
Respiratory Protection: **Approved chemical mask if spraying bulk product.**  
Recommended Decontamination Facilities: **Eyebath, washing facilities, safety shower.**

## Physical/Chemical Properties

Physical Form: **Pale liquid with mild odor.**  
Boiling Point: **220° F.**  
Freezing Point: **29° F.**  
Vapor Pressure/Density: **Not Determined.**  
pH: **1.3.**  
Solubility in Water: **100%.**  
Specific Gravity (water=1): **1.20.**  
Evaporation Rate (butylacetate=1): **<1.**

## Stability and Reactivity

Chemical Stability: **Stable.**  
Hazardous Polymerization: **Will not occur.**  
Hazardous Decomposition Products: **None.**  
Incompatibility: **None.**

## Toxicological Information

**Non-hazardous when used as directed.**

## Ecological Information

**Neutralize with sodium hydroxide; flush affected area with water; dispose.**

## Disposal Considerations

**Non-hazardous when disposed of properly.**

## Transport Information

**This product is not regulated.**

## Regulatory Information

This document has been prepared according to OSHA Standard 29 CFR 1910-1200. It is your responsibility and legal duty to make all information in this MSDS available to our employees, and to anyone who requests this information after product purchase.  
TSCA: **All product components are listed on or exempted from the Toxic Substance Control Act inventory list.**  
CERCLA: **None.**  
SARA Title III: **None.**  
CA Prop 65: **None.**

## Other Information

The information contained herein is believed to be accurate, based on current component MSDS knowledge and experience. It is provided independently of any sale of this product for purpose of hazard communication as part of PPC's product safety program. It is not intended to constitute performance information concerning this product. No responsibility is assumed that the information is sufficient or correct in all cases. No express or implied warranty of merchantability or fitness for particular purpose is made with respect to the product or the information contained herein. This information and product are provided on the condition that the user shall make determination as to the suitability for a particular purpose, and on the condition that user shall assume all risks of use thereof.

