
SECTION 1: IDENTIFICATION

Catalog No. (N/A)

Product Name: **Metal-Ready Rust Remover/PrePrimer**
Manufacturer Name: POR-15, Inc.
General Use: Cleaner Degreaser
Address: P.O. Box 1235
Morristown NJ 07962-1235
Email: support@por15.com
Business Phone: (800) 457-6715
Business Fax: (973) 887-8007
Emergency Phone: (973)-887-1999

For information
in North America, call: (800) 457-6715

CHEMTREC Numbers:

For emergencies in the US, call CHEMTREC: 800-424-9300

For emergencies outside US, call INTERNATIONAL: (703)527-3887

Manufacturer MSDS Revision 09/15/2005
Date:

Physical Description / Properties

Physical State/Appearance: Liquid
Color: Blue
Odor: Mild acid odor
Vapor Pressure: Not Applicable
Vapor Density: Not Applicable
Flash Point: Not Applicable
Upper Explosive Limit: Not Applicable
Lower Explosive Limit: Not Applicable
Boiling Point: 100°C (212°F)
Melting Point: Not Applicable
Solubility: 100% In Water
Specific Gravity: 1.115 (Water = 1)
Evaporation Point: < 1 (Butyl Acetate = 1)
Molecular Formula: Mixture
Molecular Weight: Varies

Ingredients

Chemical Name	CAS#	Lower Percent	Upper Percent
Phosphoric Acid	7664-38-2		
Zinc Phosphate	7779-90-0		

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SECTION 2 : HEALTH HAZARD INFORMATION

Catalog No.: (N/A)

Health Effects

Emergency Overview: Hazardous according to criteria of Worksafe Australia

Applies to All Ingredients:

Route of Exposure: Skin, eyes
Potential Health Effects: Acute: Not Applicable
Chronic Health Effects: Not Applicable
Carcinogenicity: Not Applicable
Signs/Symptoms: Not Applicable
Aggravation of Pre-Existing Conditions: Not Applicable

First Aid

Eye Contact: Immediately flush eyes with plenty of water for 15 to 20 minutes occasionally lifting eyelids. Get medical attention, if irritation or symptoms of overexposure persists.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash contaminated clothing thoroughly before re-use.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if necessary.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Phosphoric Acid :

Zinc Phosphate :

Octylphenoxy Polyethanol Ethanol Triphenol Methane :

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SECTION 3 : PRECAUTIONS FOR USE

Catalog No.: (N/A)

Engineering Controls / Personal Protection / Flammability

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Ventilation System:	Use in well-ventilated areas only. Have adequate general exhaust.
Skin Protection Description:	Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered to a minimum.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. Contact lenses should not be worn.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, spray painting, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Not Applicable
Other:	Work/Hygienic Practices: Not Applicable

Exposure Standards

Ingredient Guidelines

Ingredient: Octylphenoxy Polyethanol Ethanol Triphenol Methane

Guideline Type:	OSHA PEL-TWA
Guideline Information:	Not Established
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	Not Established
Guideline Type:	Australian Exposure Standard
Guideline Information:	Not Established

Ingredient: Phosphoric Acid

Guideline Type:	OSHA PEL-TWA
Guideline Information:	1 mg/m3
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	1 mg/m3
Guideline Type:	ACGIH TLV-STEL
Guideline Information:	3 mg/m3
Guideline Type:	NIOSH REL-TWA
Guideline Information:	1 mg/m3
Guideline Type:	NIOSH REL-STEL
Guideline Information:	3 mg/m3
Guideline Type:	Australian Exposure Standard
Guideline Information:	1 mg/m3

Ingredient: Zinc Phosphate

Guideline Type:	OSHA PEL-TWA
Guideline Information:	Not Established
Guideline Type:	Australian Exposure Standard
Guideline Information:	Not Established
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	Not Established

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Storage And Transport

Handling:	Keep from freezing.
Hygiene Practices:	Not Applicable Other precautions: Avoid prolonged contact with metal.
Chemical Stability:	Stable
Incompatibilities with Other Materials:	Caustic materials
Hazardous Polymerization:	Will not occur, Not Applicable
Hazardous Decomposition Products:	Not Applicable
DOT Shipping Name:	Non-Regulated
DOT Hazard Class:	Non-Regulated

Spills And Disposal

Spill Cleanup Measures:	Flush with copious amounts of water.
Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines. Triple-rinse drum prior to offering for recycle.

Fire / Explosion Hazard

Flash Point:	Not Applicable
Upper Flammable or Explosive Limit:	Not Applicable
Lower Flammable or Explosive Limit:	Not Applicable
Extinguishing Media:	Use dry chemical, foam, carbon dioxide, water fog or other material suitable for surrounding materials.
Fire Fighting Instructions:	Not Applicable
Protective Equipment:	As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	Not Applicable

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OTHER INFORMATION

Catalog No.: (N/A)

[Phosphoric Acid](#) :

[Zinc Phosphate](#) :

[Octylphenoxy Polyethanol Ethanol Triphenol Methane](#) :

Disclaimer:

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet. We welcome any additional information about our products that customers have obtained by personal experience.

References:

1. American Chemical Society, STN Easy Online Database
2. Brethericks Reactive Chemical Hazards Database. Version 2.
3. Gassarett and Doulls Toxicology, The Basic Science of Poisons.
4. Hawleys Condensed Chemical Dictionary, Thirteenth Edition
5. IARC monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, WHO International Research on Cancer.
6. Industrial Hygiene and Toxicology, by F.A. Patty.
7. National Library of Medicine, Department of Health and Human Services, Hazardous Substances Data Bank (HSDB).
8. National Toxicology Program (NTP) Eighth Report on Carcinogens, 1997.
9. NIOSH Registry of Toxic Effects of Chemical Substances (RTECS) and Pocket Guide to Chemical Hazards.
10. OSHA Hazard Communication Standard, 1910.1200 and Z Tables.
11. Sax Dangerous Properties of Industrial Materials. Tenth Edition.
12. The Merck Index: An Encyclopedia of Chemicals and Drugs. Merck and Company. Twelfth Edition 1998.
13. Threshold Limit Values for Chemical Substances and Physical Agents in the Work Environment and Biological Exposure Indices. TLV Booklet, 2001.

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