

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier****Product Name** B&B™ PCR-1640 Prepaint Corrosion Remover**Other means of identification****Product Code** PCR1640**Recommended use of the chemical and restrictions on use****Recommended Use** Technical cleaning solvent.  
**Uses advised against** FOR INDUSTRIAL USE ONLY**Details of the supplier of the safety data sheet****Manufacturer Address** Vantage Specialties, Inc.  
3938 Porett Drive  
Gurnee, IL 60031 USA  
847-244-3410**Emergency Telephone Number****Emergency Telephone Number** CHEMTREC US: 1-800-424-9300  
CHEMTREC International: +1-703-527-3887

## 2. HAZARDS IDENTIFICATION

**Classification**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

**Label Elements**

### EMERGENCY OVERVIEW

**WARNING****Hazard statements**Causes serious eye irritation  
Causes skin irritation**Color** Clear to hazy**Physical State** Liquid**Odor** Mild**Precautionary Statements - Prevention**Wear protective gloves/protective clothing/eye protection/face protection  
Wash face, hands and any exposed skin thoroughly after handling**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Phosphoric acid	7664-38-2	< 10

### 4. FIRST AID MEASURES

#### FIRST AID MEASURES

<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a physician.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Contact a doctor/physician if exposed or you feel unwell.
<b>Self-protection of the first aider</b>	Use personal protective equipment.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** Irritation or pain in contact with eyes.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b><u>Suitable extinguishing media</u></b>	Use: Dry chemical. Foam. Carbon dioxide. Water spray or fog. Class ABC/BC fire extinguisher.
<b><u>Unsuitable extinguishing media</u></b>	Do not use a solid water stream as it may scatter and spread fire.
<b><u>Specific hazards arising from the chemical</u></b>	None identified.
<b><u>Hazardous combustion products</u></b>	May emit irritating vapors.
<b><u>Explosion Data</u></b>	
<b><u>Sensitivity to Mechanical Impact</u></b>	None.
<b><u>Sensitivity to Static Discharge</u></b>	None.
<b><u>Protective equipment and precautions for firefighters</u></b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment. Ensure adequate ventilation. Avoid contact with eyes,

skin and clothing.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** Prevent release to surface water.

**Methods and material for containment and cleaning up**

**Methods for Containment** Dike to collect large liquid spills.

**Methods for Cleaning Up** Absorb with inert material and transfer to containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Wear personal protective equipment. Avoid contact with eyes, skin and clothing.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**Incompatible materials** Strong bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric acid 7664-38-2	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	IDLH: 1000 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Measures** Safety Shower  
Eyewash station  
Ventilation system.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and Body Protection** Wear protective gloves/clothing.

**Respiratory Protection** In case of inadequate ventilation wear respiratory protection.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Color</b>	Clear to hazy
<b>Odor</b>	Mild		
<b>Odor threshold</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	2.2	5% aqueous

<b>Melting point / freezing point</b>		Not determined
<b>Boiling point / boiling range</b>	> 100 °C	
<b>Flash Point</b>	> 100 °C	Estimated
<b>Evaporation Rate</b>		Not determined
<b>Flammability (solid, gas)</b>		Not Applicable
<b>Flammability Limit in Air</b>		Not determined
<b>Upper flammability limit</b>		
<b>Lower Flammability Limit</b>		
<b>Vapor pressure</b>	< 0.01	mm Hg@ 20 °C
<b>Vapor Density</b>		Not determined
<b>Specific Gravity</b>	1.0	
<b>Water Solubility</b>	Soluble	
<b>Solubility in other solvents</b>		Not determined
<b>Partition coefficient</b>		Not Applicable
<b>Autoignition Temperature</b>		Not determined
<b>Decomposition temperature</b>		Not determined
<b>Kinematic viscosity</b>		Not determined
<b>Dynamic viscosity</b>		Not determined
<b>Explosive Properties</b>	None	
<b>Oxidizing Properties</b>	None	

**Other Information**

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not reactive
<b>Remarks</b>	
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	
<b>Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible materials</b>	Strong bases.

**Hazardous Decomposition Products**

Thermal decomposition may yield oxides of Carbon and Phosphorus.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on published data for similar substances.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Skin contact</b>	May cause irritation.
<b>Ingestion</b>	Ingestion may cause stomach discomfort.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Phosphoric acid 7664-38-2	= 1530 mg/kg ( Rat )	2730 mg/kg ( Rabbit )	850 mg/m <sup>3</sup> ( Rat ) 1 h

**Information on toxicological effects**

**Symptoms** Irritation or pain in contact with eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Irritating to skin.  
**Serious eye damage/eye irritation** Irritating to eyes.  
**Sensitization** No known hazard.  
**Mutagenic Effects** No known hazard.  
**Carcinogenicity** Contains no listed human carcinogens at greater than 0.1%.

**Reproductive Toxicity** No known hazard.

**Developmental Toxicity** No known hazard.  
**Teratogenic** No known hazard.  
**STOT - single exposure** No known hazard.

**STOT - repeated exposure** No known hazard.  
**Aspiration hazard** No known hazard.

**Numerical measures of toxicity-Product Information** Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Does not contain any listed marine pollutants.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Phosphoric acid 7664-38-2		LC50 3 - 3.5 mg/L Gambusia affinis 96 h		EC50 = 4.6 mg/L 12 h

**Persistence and degradability**

No data available.

**Bioaccumulation/Accumulation**

Not determined

**Mobility**

No data available.

**Other Adverse Effects** None identified

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with applicable regulations.

**Contaminated Packaging** Dispose of in accordance with applicable regulations.

Chemical Name	California Hazardous Waste Status
Phosphoric acid 7664-38-2	Corrosive

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG / IMO** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies

**DSL** Complies

**Legend**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric acid 7664-38-2	5000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Phosphoric acid 7664-38-2	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**U.S. State Regulations**

**U.S. State Right-to-Know Regulations**

This product contains the following right to know chemicals:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Phosphoric acid 7664-38-2	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 1	Flammability 1	Instability 0	Physical and Chemical Hazards n/a
<b>HMIS</b>	Health Hazard 1	Flammability 1	Physical hazards 0	Personal Precautions B

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**Disclaimer**

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**End of Safety Data Sheet**

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