



Revision Number: 006.0

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**1. IDENTIFICATION**

**Product name:** BONDERITE M-PT 6 POST  
**TREATMENT known as PARCOLENE 6**  
**IDH number:** 597249  
**Product type/** Additive  
**Recommended use:**  
**Restriction of Use:** None identified  
**Region:** Canada  
**Company address:** Henkel Canada Corporation  
 Meadowpine Boulevard 2515  
 Mississauga, Ontario L5N 6C3  
**Contact information:**  
 Telephone: +1 (905) 814-6511  
 MEDICAL EMERGENCY Phone: Poison Control Center  
 1-877-671-4608 (toll free) or 1-303-592-1711  
 TRANSPORT EMERGENCY Phone: CHEMTREC  
 1-800-424-9300 (toll free) or 1-703-527-3887  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** H290 - MAY BE CORROSIVE TO METALS.  
 H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

HAZARD CLASS	HAZARD CATEGORY
CORROSIVE TO METALS	1
SKIN CORROSION	1C - Corrosive
SERIOUS EYE DAMAGE	1

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** P234 - Keep only in original packaging.  
 P264 - Wash affected area thoroughly after handling.  
 P280 - Wear protective gloves, clothing, eye and face protection.

**Response:** P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.  
 P304+P340+P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P363 - Wash contaminated clothing before reuse.  
 P390 - Absorb spillage to prevent material damage.

**Storage:** P405 - Store locked up.

**Disposal:** P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Other hazards** Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Weight %*
Phosphoric acid	7664-38-2	60 - 80

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### **Non hazardous components**

Actual concentration or concentration range is withheld as a trade secret

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

<b>Inhalation:</b>	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.
<b>Skin contact:</b>	Remove contaminated clothing and footwear. For skin contact, flush with large amounts of water. Seek immediate medical attention. Discard any shoes or clothing items that cannot be decontaminated.
<b>Eye contact:</b>	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
<b>Ingestion:</b>	Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.
<b>Most important symptoms and effects (acute and delayed):</b>	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
<b>Indication of any immediate medical attention / special treatment needed:</b>	Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Use media appropriate for surrounding material.
<b>Improper extinguishing agents:</b>	Not available.
<b>Special firefighting procedures:</b>	Wear full protective clothing. Wear self-contained breathing apparatus.
<b>Unusual fire or explosion hazards:</b>	Formation of toxic gases is possible during heating or in fires.

**Hazardous combustion products:** Irritating and toxic gases or fumes may be released during a fire.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.

**Clean-up methods:** Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

## 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not take internally. For industrial use only. Use caution when combining with water; DO NOT add water to acid, ALWAYS add acid to water while stirring to prevent release of heat, steam and fumes.

**Storage:** For safe storage, store between 0 °C (32°F) and 40 °C (104°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Below 0°C the product properties will change.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Phosphoric acid	3 mg/m3 STEL 1 mg/m3 TWA	1 mg/m3 PEL	None	None

**Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:** Wear chemical goggles; face shield (if splashing is possible).

**Skin protection:** Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Recommended gloves include PVC and neoprene. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Colourless / Colorless  
**Odor:** Odorless  
**Odor threshold:** Not available.  
**pH:** < 1  
**Vapor pressure:** 1.62 - 4.17 mm hg (20 °C (68°F))  
**Boiling point/range:** > 135 °C (> 275°F)  
**Melting point/ range:** Not applicable, Product is a liquid  
**Density/Relative density:** 1.5 - 1.6  
**Relative vapor density:** Not applicable  
**Flash point:** Not applicable  
**Flammable/Explosive limits - lower:** Not available.

<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Autoignition temperature:</b>	Not applicable
<b>Flammability:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Solubility:</b>	Miscible Water
<b>Partition coefficient n-octanol/water (logarithmic value):</b>	Not available.
<b>VOC content:</b>	0 % (calculated)
<b>Dynamic viscosity:</b>	Not available.
<b>Kinematic viscosity:</b>	14.7 mm <sup>2</sup> /s
<b>Particle characteristics:</b>	Not applicable, Product is a liquid
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable at normal conditions.
<b>Hazardous reactions:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Oxides of phosphorus.
<b>Incompatible materials:</b>	Adding water to this product may cause localized overheating and splattering.
<b>Reactivity:</b>	This product may react with strong alkalis.
<b>Conditions to avoid:</b>	Store away from incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Skin, Inhalation, Eyes, Ingestion

**Potential Health Effects/Symptoms**

<b>Inhalation:</b>	Mists, vapors or liquid may cause severe irritation or burns.
<b>Skin contact:</b>	Causes skin burns. Corrosive
<b>Eye contact:</b>	Causes serious eye damage.
<b>Ingestion:</b>	Ingestion may cause severe irritation or burns to esophagus, mouth, and stomach with nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s
Phosphoric acid	Oral LD50 (Rat) = 1,530 mg/kg Dermal LD50 (Rabbit) = 2,740 mg/kg

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Phosphoric acid	Irritant Corrosive		

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Phosphoric acid	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

### Canada Transportation of Dangerous Goods - Ground

**Proper shipping name:** PHOSPHORIC ACID SOLUTION  
**Hazard class or division:** 8  
**Identification number:** UN 1805  
**Packing group:** III

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Phosphoric acid, solution  
**Hazard class or division:** 8  
**Identification number:** UN 1805  
**Packing group:** III

### Water Transportation (IMO/IMDG)

**Proper shipping name:** PHOSPHORIC ACID SOLUTION  
**Hazard class or division:** 8  
**Identification number:** UN 1805  
**Packing group:** III

## 15. REGULATORY INFORMATION

### Canada Regulatory Information

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

**Prepared by:** Regulatory Affairs

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