

# MSDS

Brady Industries, HQ

Material Safety Data Sheet 4079

Conforms to ANSI Z-400.1-1993

Las Vegas, NV 89118

Chemtel 24 Hour Emergency Response (800) 255-3924

(800) 293-4698

## 1 Chemical Product and Company Identification

**Product:** Mild Acid Cleaner

**Classification:** Cleaner

## 2 Composition/Information on Hazardous Ingredients

Material	CAS#	%	OSHA(PEL)	TLV(ppm)	Other
Phosphoric Acid	7664-38-2	<12	400 ppm	2 mg/m <sup>3</sup>	N/A
Quaternary Ammonium Compound	68424-85-1	<2	N/A	N/A	N/A

## 3 Hazards Identification

**Emergency Overview:** Irritant. Causes skin and severe eye irritation. Avoid contact with skin and eyes.

**WARNING:**

**Contact with Eyes:** Irritation, possible burns depending on length of contact.

**Contact with Skin:** Prolonged or repeated contact may cause irritation and/or possible burns.

**Skin Absorption:** No data.

**Ingestion Symptoms:** With extended exposure may cause severe burns and erosion of exposed teeth, burns of the mouth, esophagus and stomach with consequent pain, nausea and vomiting.

**Inhalation Symptoms:** Irritation or burns with extended contact.

**Chronic Effects:** Overexposure may result in allergic skin reactions.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

## 4 First Aid Measures

**Eyes:** If eyes are contacted, flush with water for 15 minutes. If irritation persists seek medical attention.

**Skin:** If skin is contacted, wash affected area with soap and water. If irritation persists, seek medical attention.

**Inhalation:** If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.

**Ingestion:** If ingested, do NOT induce vomiting. Give moderate amounts of water to wash out mouth area and dilute remaining residue. Seek medical attention.

## 5 Fire Fighting Measures

**Flash Point(F° TCC):** >210°F

**Flammable Limits: LEL** No Data

**UEL** No Data

**Auto Ignition Temperature:**No Data

**Extinguishing Media:** Water Spray, Foam, Carbon Dioxide, Dry Chemical

### Special Fire Fighting Procedures:

Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.

### Unusual Fire and Explosion Hazards:

Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

## 6 Accidental Release Measures

### Large Spills (55 gallons or more):

Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.

### Small Spills:

Mop up spill and rinse area.

## 7 Handling and Storage

**Handling:** Keep out of reach of children. Follow appropriate hygiene practices.

**Storage:** Store in a cool, dry place.

## 8 Exposure Controls/Personal Protection

### Ventilation and Engineering Controls:

Local exhaust

### Respiratory Protection:

None

### Protective Gloves:

Rubber Gloves

### Eye Protection:

Chemical Splash Goggles

### Other Protective Equipment:

Corrosive

**9 Physical and Chemical Properties**

<b>Boiling Point(F°)</b> >212°F	<b>Solubility in Water</b> Complete	<b>Odor:</b> Mint
<b>Specific Gravity:</b> 1.05	<b>Volatiles(% by Wt.)</b> 79	<b>pH:</b> 1 - 2
<b>Appearance:</b> Green	<b>Vapor Density:</b> >1	<b>VOC:</b> <20 g/L
<b>Evaporation Rate:</b> <1	<b>Vapor Pressure:</b> <17 mm Hg	<b>Freezing Point(F°)</b> ≥32°F

> means less than < means greater than

These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specific items.

**10 Stability and Reactivity**

**Stability:** Stable      **Conditions to Avoid:** Heat

**Materials to Avoid:** Strong Oxidizers

**Hazardous Decomposition Products:**

Oxides of carbon, nitrogen and phosphorous

**Hazardous Polymerization:**

Will Not Occur

**11 Toxicological Information**

No Toxicology Information is available.

**12 Ecological Information**

No data available.

**13 Disposal Considerations****Waste Disposal Method:**

Dispose of waste in accordance with federal, state and local regulations

**14 Transport Information**

**HAZMAT:** Yes      **Hazard Code:** 4075      **ID Number:** UN1760      **Hazard Class:** 8

**Hazardous Division:** Corrosive liquid, n.o.s.      **Packaging Group:** III

**Hazardous Contents:** Phosphoric Acid

**15 Regulatory Information**

**Proposition 65:** Not Listed.

\* This product is subject to the reporting requirements of SARA Title III.

**EPA:** No

**16 Other Information**

**HMIS/NFPA Hazard Rating:** Health       **Flammability**       **Reactivity**

The information contained herein is based on the data available to us. It is believed to be correct. No warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult distributor, Brady Industries, HQ

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