

## RAPID

## 1. Product and Company Identification

Product Code: 4518  
 Product Name: RAPID  
 Revision: 04/18/2018  
 Supersedes Revision: 08/17/2016

## Manufacturer Information:

Company Name: PDQ Manufacturing, Inc. Phone Number: (706)636-1848  
 201 Victory Circle

Ellijay, GA 30540

Web site address: www.pdqonline.com

Emergency Contact: Chemtrec, Reference: CCN203605 (800)424-9300  
 Information: info@pdqonline.com (706)636-1848

## Supplier Name and Address:

Company Name: Phone Number:

## 2. Hazards Identification

Acute Toxicity: Inhalation, Category 4

Skin Corrosion/Irritation, Category 1A



GHS Signal Word: **Danger**

GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.  
 H332 - Harmful if inhaled.

GHS Precaution Phrases: P261 - Avoid breathing fumes or vapors.  
 P264 - Wash hands thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P280 - Wear protective gloves and eye protection.

GHS Response Phrases: P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P321 - Specific treatment see appropriate section on this label.  
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405 - Store locked up.  
 P501 - Dispose of contents/container to trash after rinsing container.

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**Potential Health Effects****(Acute and Chronic):**

<b>Inhalation:</b>	Causes respiratory tract irritation. May be harmful if inhaled.
<b>Skin Contact:</b>	Causes skin burns. Causes skin irritation.
<b>Eye Contact:</b>	Causes eye burns. Causes eye irritation. May cause chemical conjunctivitis.
<b>Ingestion:</b>	Causes gastrointestinal tract burns. May cause irritation of the digestive tract. May be harmful if swallowed.

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
7664-38-2	Phosphoric acid {Orthophosphoric acid}	<25.0 %
7647-01-0	Hydrochloric acid {Hydrogen chloride}	<10.0 %

**4. First Aid Measures****Emergency and First Aid****Procedures:**

<b>In Case of Inhalation:</b>	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.
<b>In Case of Skin Contact:</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid. Wash clothing before reuse.
<b>In Case of Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>In Case of Ingestion:</b>	Get medical aid immediately. Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water.

**5. Fire Fighting Measures**

<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Autoignition Pt:</b>	No data.	
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or chemical foam.	
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.	
<b>Flammable Properties and Hazards:</b>	No data available.	

**6. Accidental Release Measures**

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Do not let this chemical enter the environment. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.
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**7. Handling and Storage**

<b>Precautions To Be Taken in Handling:</b>	Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Keep container tightly closed. Use with adequate ventilation. Wash clothing before reuse.
<b>Precautions To Be Taken in Storing:</b>	Store in a cool, dry place. Store in a tightly closed container.

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## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7664-38-2	Phosphoric acid {Orthophosphoric acid}	PEL: 1 mg/m <sup>3</sup>	TLV: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	No data.
7647-01-0	Hydrochloric acid {Hydrogen chloride}	CEIL: 5 ppm	CEIL: 2 ppm)	No data.
<b>Respiratory Equipment (Specify Type):</b>	Respirator protection is not normally required.			
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.			
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure.			
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.			
<b>Engineering Controls (Ventilation etc.):</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.			

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid	
<b>Appearance and Odor:</b>	Clear red liquid Sweet, acidic odor.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	No data.	
<b>Autoignition Pt:</b>	No data.	
<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Specific Gravity (Water = 1):</b>	~ 1.15	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Evaporation Rate:</b>	No data.	
<b>Solubility in Water:</b>	No data.	
<b>Viscosity:</b>	Thin	
<b>pH:</b>	< 1.0 @ 1%	
<b>Percent Volatile:</b>	No data.	

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Incompatible materials, Metals.
<b>Incompatibility - Materials To Avoid:</b>	Bases, Chlorine Bleach.
<b>Hazardous Decomposition or Byproducts:</b>	oxides of phosphorus, hydrogen gas. Carbon monoxide.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

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## 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7664-38-2	Phosphoric acid {Orthophosphoric acid}	n.a.	n.a.	n.a.	n.a.
7647-01-0	Hydrochloric acid {Hydrogen chloride}	n.a.	3	A4	n.a.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
RCRA P-Series: None listed.  
RCRA U-Series: None listed.

## 14. Transport Information

## LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid, Hydrochloric acid)  
**DOT Hazard Class:** 8 CORROSIVE  
**UN/NA Number:** UN3264 **Packing Group:** II



## 15. Regulatory Information

## EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7664-38-2	Phosphoric acid {Orthophosphoric acid}	No	Yes 5000 LB	No
7647-01-0	Hydrochloric acid {Hydrogen chloride}	Yes 500 LB	Yes 5000 LB	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7664-38-2	Phosphoric acid {Orthophosphoric acid}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
7647-01-0	Hydrochloric acid {Hydrogen chloride}	CAA HAP,ODC: HAP: NvHAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

## RAPID

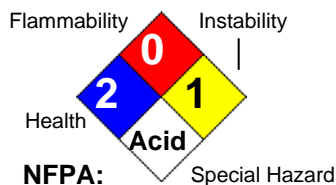
## 16. Other Information

Revision Date: 04/18/2018  
 Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
REACTIVITY		2
PPE		B

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.