

SAFETY DATA SHEET**RTP BOWL BRITE****1. Product and Company Identification**

Product Code: 4525
Product Name: RTP BOWL BRITE
Revision: 06/11/2018
Supersedes Revision: 01/11/2015

Manufacturer Information:

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

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
Serious Eye Damage/Eye Irritation, Category 1
Aquatic Toxicity (Acute), Category 2
Aquatic Toxicity (Chronic), Category 2



GHS Signal Word:

Danger

GHS Hazard Phrases:

H314 - Causes severe skin burns and eye damage.
 H318 - Causes serious eye damage.
 H332 - Harmful if inhaled.
 H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:

P261 - Avoid breathing fumes.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/protective clothing/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.
 P391 - Collect spillage.

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GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

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

Inhalation: Causes respiratory tract irritation. May be harmful if inhaled.
Skin Contact: Causes skin burns. Causes skin irritation.
Eye Contact: Causes eye burns.
Ingestion: 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}	2.0 -8.0 %
7647-01-0	Hydrochloric acid {Hydrogen chloride}	1.0 -6.0 %
61791-26-2	Ethoxylated tallow amine	1.0 -4.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If irritation develops, get medical aid.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: 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.

Note to Physician: None known.

5. Fire Fighting Measures

Flash Pt: NP

Explosive Limits: LEL: N.A. UEL: N.A.

Autoignition Pt: NP

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: 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. Substance is noncombustible. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards: No data available.

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Steps To Be Taken In Case Material Is Released Or Spilled:	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

Precautions To Be Taken in Handling:	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.
Precautions To Be Taken in Storing:	Store in a cool, dry place. Store in a tightly closed container.

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 ³	TLV: 1 mg/m ³ STEL: 3 mg/m ³	No data.
7647-01-0	Hydrochloric acid {Hydrogen chloride}	CEIL: 5 ppm	CEIL: 2 ppm)	No data.
61791-26-2	Ethoxylated tallow amine	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respirator protection is not normally required. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Wear chemical splash goggles.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): There are no special ventilation requirements. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Clear viscous blue liquid
Floral odor.

Freezing Point: < 0.00 C

Boiling Point: > 100.00 C

Decomposition Temperature: NP

Autoignition Pt: NP

Flash Pt: NP

Explosive Limits: LEL: N.A. UEL: N.A.

Specific Gravity (Water = 1): 1.025 - 1.045 at 25.0 C

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Evaporation Rate: > 1 (H₂O=1)

Solubility in Water: 100%

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Saturated Vapor Concentration: NE
Viscosity: Moderate
pH: < 2.0
Percent Volatile: < 95.0 % by weight.
VOC / Volume: 0.0000 G/L

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Incompatible materials, Metals. Excess heat.
Incompatibility - Materials To Avoid: Reacts with most common metals to produce hydrogen gas. Is corrosive to many materials including leather, rubber, and many organics. Chlorine Bleach.
Hazardous Decomposition or Byproducts: None. Phosphine, oxides of phosphorus, hydrogen gas. Carbon monoxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

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.
61791-26-2	Ethoxylated tallow amine	n.a.	n.a.	n.a.	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



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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
61791-26-2	Ethoxylated tallow amine	No	No	No

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
61791-26-2	Ethoxylated tallow amine	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 06/11/2018
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	2
PPE	B

HMIS:**Additional Information About** 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.