



Phosphoric Acid Technical Grade, 75% - 95%

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Proper Shipping Name:	Phosphoric Acid, 8, UN1805, PG III
Product Name	Phosphoric Acid Technical Grade, 75% - 95%
CAS #	7664-38-2
Emergency Telephone	1-800-424-9300 CHEMTREC
Information Telephone	972-745-9023 Leslie Hollis
Chemical Family	Inorganic Acid

II. HAZARDOUS INGREDIENTS

Ingredient	%	OSHA Pel	Hazard Data	
			ACGIH TLV	STEL
Phosphoric Acid	75 – 95	1mg/m3	1mg/m3	3mg/m3

III. PHYSICAL DATA

	75%	85%	95%
Specific Gravity (Water 1.0)	1.57 – 1.58	1.68 – 1.69	1.77 – 1.78
Freezing Point	-20°C (-4°F)	21°C (70°F)	27°C (80°F)
Solubility in Water	Complete		
pH	1		
Appearance and odor	Water Clear slightly viscous liquid		

Eye Contact

Rinse immediately with water for at least 15 minutes. Consult a physician if necessary

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Skin Contact

Wash skin with soap and water. Seek medical attention if irritation persists.

Vapor Inhaled

Low vapor pressure. Inhalation hazard is slight. Remove to fresh air.

Ingestion

Dilute by drinking water or milk. Do not induce vomiting. Get medical assistance and call a physician.

VII. SPILL OR LEAK PROCEDURES

Spill

Report spills as required to appropriate authorities. Absorb spills with absorbent sand or earth, then place in chemical waste container for disposal.

Neutralization

Use soda ash, sodium hydroxide, or lime

Waste Disposal

Dispose of waste at an appropriate waste disposal facility in accordance with applicable laws and regulations

VIII. INDUSTRIAL HYGIENE CONTROL MEASURES

Respiratory

No special requirements

Eyes

Safety glasses, face shield

Skin

Rubber Gloves

Ventilation

No special requirements under ordinary conditions of use and with adequate ventilation

IX. SPECIAL PRECAUTIONS

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Precautionary Statement CORROSIVE, protective equipment should be used when handling this product. Avoid contact with eyes. Avoid inhalation of vapors or mists.

X. SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the emergency planning and community Right-to-Know Act of 1986 and of 40 CFR 372.

CAS #	Chemical Name	% by Weight
7664-38-2	Phosphoric Acid	75 - 95

CERCLA Reportable Quantity: 5,000 lbs of phosphoric acid

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Revised by: Leslie Hollis
Date: December 4, 2009.