

Manufacturer And Product Information

Diamond Diagnostics
 Quality Assurance / Regulatory Affairs
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Emergency Telephone Number: 508-429-0450



Personal Protective Equipment

Product: Picric Acid
 Cat. No: BK-664180BD
 Chemical Family: Acid Solutions
 Prepared: 07/10/08

Composition / Hazardous Ingredients

Chemical Constituents:	Approximate % by weight:	CAS#
Picric Acid	<2%	88-89-1

Physical Data

Boiling Point: N/A	Melting Point: N/A	Specific Gravity: Approx. 1
Vapor Pressure: N/A	% Volatility: N/A	Appearance – Odor: Clear yellow, liquid, odorless
Evaporation Rate: N/A	Solubility In Water: Miscible	

Fire And Explosion Data

Flash Point: Method: N/A	Flammable Limits: N/A
Extinguishing Media: Suitable for surrounding fire	
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing	
Explosion Potential: Dried Picric acid is explosive.	

Precautions For Safe Handling And Use

Handling Precautions: Avoid inhaling, ingesting, and contact with eyes and skin.

In Case of Spill: Absorb spills with inert material or flush into drain with copious amounts of water. Wash site of spill with soapy water.

Disposal Method: In accordance with applicable Federal, state, and local laws and regulations.

Protective Controls Suggested: Protective clothing, gloves and safety goggles recommended. Avoid contact and inhalation. Do not get into eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before use.



Health And Hazard Data

Principal Health Effects: Products with picric acid may cause irritation to skin, eye and respiratory tract. Systemic poisoning may result from skin absorption, inhalation and ingestion. Symptoms of poisoning may include headache, dizziness and abdominal pain with nausea, vomiting and diarrhea. Severe poisoning may result in damage to red blood cells, liver and kidneys, convulsions, coma and death. Skin contact may lead to dermatitis. Eye contact may result in damage to the cornea.

Prolonged or repeated exposure to picric acid by skin contact may cause damage to the liver, kidneys and dermatitis. Eye contact may cause conjunctivitis.

Normal use and good laboratory procedures are recommended when handling products containing dilute acids.

Exposure limit: Oral rat for Trisodium Phosphate, Dodecahydrate – 7400 mg/Kg

Signs-Symptoms of Overexposure: Symptoms may include: itching or burning of the skin and eyes, irritation of the upper respiratory tract with coughing and difficulty in breathing.

Emergency And First Aid Procedures

Ingestion: If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

Skin Contact: Wash affected area with large amounts of soap and water. If irritation persists, contact a physician.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. Seek medical attention.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Reactivity Data

Stability: Stable under normal temperatures and pressures.

Incompatibility: Strong acids, Strong oxidizing agents.

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

Conditions to avoid – Suggested Storage: Keep away from incompatible material.

Other Information

The information contained herein is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Diamond Diagnostics shall not be held liable for any changes resulting from handling or contact with the above product. See reverse side of invoice or packaging slip for additional terms and conditions of sale.

N/G = Not Given
N/A = Not Applicable or Not Available