

Safety Data Sheet

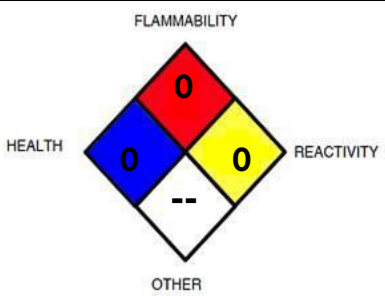
Section 1: Product & Company Identification

Product Name:	Propidium Iodide Solution
Product #:	P-2407
Synonyms:	PI Solution
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS #	EC #	% Composition
Water	7732-18-5		98.914
Sodium chloride	7647-14-5		0.85
Sodium phosphate	7758-79-4		0.106
Propidium iodide	25535-16-4		0.1
Potassium phosphate, monobasic	7778-77-0		0.03

Section 3: Hazards Identification

Symbols	N/A
HMIS Classification	

NFPA Classification	 <p>The diagram is a diamond-shaped hazard diamond. The top triangle is red and labeled 'FLAMMABILITY' with a '0'. The left triangle is blue and labeled 'HEALTH' with a '0'. The right triangle is yellow and labeled 'REACTIVITY' with a '0'. The bottom triangle is white and labeled 'OTHER' with '--'.</p>
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Section 4: First Aid Measures

General Overview:	May cause anemia, cough, CNS depression, drowsiness, headache, heart damage, lassitude (weakness, exhaustion), liver damage, narcosis, reproductive effects, teratogenic effects. No further relevant information available.
Inhalation:	Supply fresh air; consult doctor in case of complaints
Skin:	Generally the product does not irritate the skin
Eyes:	Rinse opened eyes for several minutes under running water
Ingestion:	If symptoms persist consult doctor.
	See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	No data available
Extinguishing Media:	Use firefighting measures that suit the environment. A solid water stream may be inefficient.
Hazardous thermal (de)composition products:	No data available
Special Fire Fighting Procedures:	No special measures required
Flash Point:	No data available

Section 6: Accidental Release Measures





Personal Precautions:	Protective Action Criteria for Chemicals: <ul style="list-style-type: none"> • PAC-1: Potassium phosphate, monobasic (CAS 778-77-0): 9.6 mg/m³ • PAC 2: Potassium phosphate, monobasic (CAS 778-77-0): 110 mg/m³ • PAC 3: Potassium phosphate, monobasic (CAS 778-77-0): 630 mg/m³
Environmental Precautions:	Dilute with plenty of water.

Methods for Clean-up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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SECTION 7: Handling & Storage

Storage:	Recommended storage temperature: 2 - 8°C
Handling:	No special measures required.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>Not required</p>
Skin and Body:	  <p>Protective gloves and lab coat.</p>
Eyes:	 <p>Goggles recommended during refilling.</p>
Ventilation/Engineering Measures:	Ensure adequate ventilation.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	Colorless, odorless liquid
Formula	N/A
Molecular Wt.	N/A
Melting Pt.	0°C (32°F)
Boiling Pt.	100°C (212°F)
Density:	1 g/cm ³ (8.345 lbs/gal) at 20°C (68°F)
Vapor Pressure:	23 hPa (17.3 mm Hg) at 20°C (68°F)
Evaporation Rate:	No data available
Vapor Density:	No data available
Solubility:	Water
Flash Point:	No data available
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Hazardous decomposition products:	No decomposition products known.
Materials to Avoid:	No data available
Conditions to avoid:	No data available

SECTION 11: Toxicological Information

RTECS#:	N/A
ACUTE Toxicity:	N/A
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	<p>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.</p> <p>AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA.</p> <p>EPA: No classification on carcinogenic data is available from EPA</p>

SECTION 12: Ecological Information

Ecotoxicity:	Not hazardous for water.
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	Smaller quantities can be disposed of with household waste.
Contaminated Packaging:	Disposal must be made according to official regulations.

SECTION 14: Transportation Information

UN ID#:	N/A
ADR / RID (LAND):	Not regulated
DOT regulations:	Not regulated
IMDG/IMO (SEA):	Not regulated
IATA/DGR (AIR):	Not regulated
Special Provisions:	N/A

SECTION 15: Regulatory Information

Health Phrases:	Not hazardous
Risk Phrases:	N/A
Safety Phrases:	N/A
EU Regulations:	N/A
US Regulations:	TSCA: Water (CAS 7732-18-5); Sodium chloride (CAS 7647-14-5); Potassium phosphate, monobasic (CAS 7778-77-0) California Proposition 65: No products were found
U.S. Federal Regulations:	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found.

	<p>SARA 313 toxic chemicals notification and release reporting: No products were found.</p> <p>Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: No products were found.</p>
WHMIS (Canada):	N/A

SECTION 16: Other Information

LIABILITY STATEMENT: *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*