

Safety Data Sheet


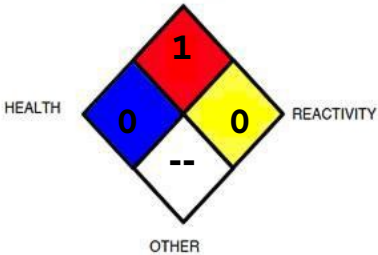
Section 1: Product & Company Identification

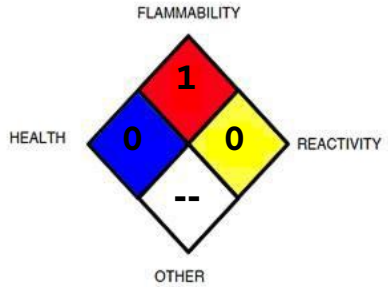
Product Name:	Prostaglandin I2 Sodium
Product #:	P-2735
Synonyms:	Epoprostenol
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS#	EC #	% Composition
Prostaglandin I2 Sodium	61849-14-7	-	

Section 3: Hazards Identification

Symbols	
HMIS Classification	<p>FLAMMABILITY</p>  <p>HEALTH REACTIVITY</p> <p>OTHER</p>

NFPA Classification	
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Section 4: First Aid Measures

General Overview:	If symptoms persist, call a physician. Do not breathe dust/fumes/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Inhalation:	Remove to fresh air. Call a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
Skin:	Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician.
Ingestion:	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.
	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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous thermal (de)composition products:	Carbon oxides
Special Fire Fighting Procedures:	As in any fire, wear self-contained breathing apparatus and full protective gear.
Flash Point:	182.1 °C

Section 6: Accidental Release Measures




Personal Precautions:	Ensure adequate ventilation, especially in confined areas.
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Environmental Precautions:	Prevent entry into waterways, sewers, basements, or confined areas. Do not flush into surface water or sanitary sewer system.
Methods for Clean-up:	Prevent further spillage if safe to do so. Use personal protective equipment as required. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid creating dust.

SECTION 7: Handling & Storage

Storage:	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store at -20°C.
Handling:	Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fumes/gas/mist/vapors/spray. Do not eat, drink, or smoke when using this product.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.</p>
Skin and Body:	  <p>Wear protective gloves and protective clothing.</p>
Eyes:	

	 <p>Tight sealing safety goggles</p>
Ventilation/Engineering Measures:	Showers, Eyewash stations, Ventilation systems
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	N/A

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	Solid
Formula	$C_{20}H_{31}O_5 \cdot Na$
Molecular Wt.	274.45
Melting Pt.	No data available
Boiling Pt.	No data available
Density:	No data available
Vapor Pressure:	1.86E-13 mmHg
Evaporation Rate:	No data available
Vapor Density:	1
Solubility:	Water, DMSO, Ethanol, PBS (pH 7.2)
Flash Point:	182.1 °C
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Hazardous decomposition products:	Carbon oxides
Materials to Avoid:	Strong oxidizing agents
Conditions to avoid:	Exposure to air or moisture over prolonged periods.

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:	May cause long lasting harmful effects to aquatic life.
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:	Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Contaminated Packaging:	Do not reuse container. Waste codes should be assigned by the user based on the application for which the product was used.

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:	Warning H312 Harmful in contact with skin H332 Harmful if inhaled H302 Harmful if swallowed
Risk Phrases:	P264 Wash face, hands, and any exposed skin thoroughly after handling P270 Do not eat, drink, or smoke when using this product P280 Wear protective gloves/protective clothing/eye protection/face protection P261 Avoid breathing dust/fumes/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area P308 + P313 IF exposed or concerned: Get medical advice/attention P302+ P350 IF ON SKIN: wash with plenty of soap and water. Call a poison center or doctor/physician if you feel unwell. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. P301 + P312 IF SWALLOWED: Call a poison center or doctor/physician if you feel unwell. Rinse mouth.
Safety Phrases:	N/A
EU Regulations:	N/A
US Regulations:	TSCA: Not listed 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: Acute Health Hazard SARA 313 toxic chemicals notification and release reporting: No products were found. 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: Acute toxicity - oral (Cat. 4), Acute toxicity - dermal (Cat. 4), Acute toxicity - inhalation - dusts/mists (Cat. 4)
WHMIS (Canada):	N/A

SECTION 16: Other Information



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