

Safety Data Sheet

DySolv



SECTION 1: Identification of the Substances and the Company/Undertaking

Identification of the Substance or Mixture

Product Name: DySolv

Catalog Numbers: 7501A

Company/Undertaking Identification

Ion Biosciences
3055 Hunter Road, Box 3
San Marcos, TX 78666
+1 512.957.9123

24 hour Emergency Response

866.536.0631
301.431.8585
+1 301.431.8585 (Outside the U.S.)
For Research Use Only. Not for use in diagnostic procedures.

SECTION 2: Hazards Identification

GHS - Classification

Signal word: None.
Health Hazards: None.
Physical Hazards: None.
Environmental Hazards: None.
Hazard statements: None.

Precautionary Statements

Prevention: None.
Response: None.
Storage: None.
Disposal: None.

Potential Health Effects

Eyes: No data available.
Skin: No data available.
Inhalation: No data available.
Ingestion: No data available.

Specific Effects

Carcinogenic effects: None.
Mutagenic effects: None.
Reproductive toxicity: None.
Sensitization: None.
Target organ effects: No information available.

HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3: Composition/Information on Ingredients

Handle all chemicals with caution.

Component	CAS-No	EINECS-No	Weight%
Poloxamer 188/407	9003-11-6	-	Withheld

SECTION 4: First Aid Measures

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed: No data available.

Notes to physician: No data available.

Indication of any immediate medical attention and special treatment needed: No data available.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable extinguishing media: Water spray. Dry chemical. Carbon Dioxide (CO₂) Foam.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: Carbon oxides

Advice for firefighters: Wear self-contained breathing apparatus if possible.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Always wear recommended Personal Protective Equipment. See Section 8 for more detail.

Environmental precautions: Do not let product enter drains.

Methods and material for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste.

Reference to other sections: See section 8 for more information.

SECTION 7: Handling and Storage

Handling: Handling is performed in a well ventilated place. Wear suitable protective equipment. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Conditions for safe storage, including any incompatibilities: Keep in a dry, cool and well-ventilated place.

Specific end use(s): For research use only.

SECTION 8: Exposure Controls/Personal Protection

Control Parameters

Exposure limits:

OSHA PEL	OSHA PEL	ACGIH OEL	ACGIH OEL
None	None	None	None

Engineering measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear suitable chemical-resistant gloves.

Eye protection: Wear safety glasses with side shields (or goggles).

Skin and body protection: Lightweight protective clothing.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls: Do not let product enter drains.

Exposure Controls

Personal Protective Equipment: Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties.

Form: Liquid.

Appearance: Clear solution.

Odor: No data available.

Odor threshold: No data available.

Boiling point/boiling range: °C No data available; °F No data available.

Melting point/melting range: °C No data available; °F No data available.

Flash point: °C No data available; °F No data available.

Autoignition temperature: °C No data available; °F No data available.

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Oxidizing properties: No data available.

Partition coefficient (n-octanol/water): No data available.

Water solubility: No data available.

pH: No data available.

SECTION 10: Stability and Reactivity

Reactivity: No data available.

Stability: Stable under normal conditions.

Materials to avoid: Strong oxidizing agents.

Possibility of hazardous reactions: No data available.

Hazardous decomposition products: Carbon oxides

Polymerization: Hazardous polymerization does not occur.

Conditions to avoid: No data available.

SECTION 11: Toxicological Information

Acute Toxicity:

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Poloxamer	15000mg/kg	20000mg/kg	No data

Skin: (Rabbit) Mild skin irritation—24h

Inhalation: No data available.

Ingestion: Possible diarrhea and weakness.

Carcinogenic effects: No data available.

Mutagenic effects: No known mutagenic effects.

Reproductive toxicity: No data available.

Sensitization: (Rabbit) None.

Additional Information: RTECS: MD0911050

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Principle Routes of Exposure

Potential Health Effects

Eyes: (Rabbit) Mild eye irritation – 24h

SECTION 12: Ecological Information

Ecotoxicity: Toxicity to fish (>10,000mg/L–96h).

Chronic aquatic toxicity: No data available.

Mobility: No data available.

Biodegradation: No data available.

Bioaccumulation: Unlikely.

SECTION 13: Disposal Considerations

Waste treatment methods: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique.

Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport Information

IATA/ADR/DOT-US/IMDG: Not Classified as dangerous in the meaning of transport regulations.

Proper shipping name: None.

Hazard class: None.

Subsidiary class: None.

Packing group: None.

UN-No: None.

Environmental hazards: None.

SECTION 15: Regulatory Information

US Federal Regulations

SARA 313: This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contain HAPs.

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class: Non-controlled.

SECTION 16: Other Information

For Research Use Only. Not for use in diagnostic procedures.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE"