

## Section 1 – Identification

**Manufacturer Information**
**BPS Bioscience, Inc.**

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**Product Information**

Azide-PEG8-Val-Cit-PAB-MMAE, Cat. # 82277

**\*\*For Research Use Only. Not for diagnostic or therapeutic use. \*\***
**Intended use:** The compound is a research reagent.

<b>Components:</b>	<b>Synonym</b>	<b>Amount</b>
82277-1	Azide-PEG8-Val-Cit-PAB-MMAE	1 mg
82277-2	Azide-PEG8-Val-Cit-PAB-MMAE	5 mg
82277-3	Azide-PEG8-Val-Cit-PAB-MMAE	10 mg

## Section 2 – Hazards Identification

**Classification of the substance or mixture**

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

Acute Toxicity (Category 1), H300

Acute Toxicity (Category 1), H310

Acute Toxicity (Category 1), H330

**Label elements**

**Pictogram(s)**
**Signal word:** Danger

**Hazard statement(s)**

H300+H310+H330: Fatal if swallowed, in contact with skin or if inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H335: May cause respiratory irritation.

**Precautionary statement(s)**

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P284: [In case of inadequate ventilation] wear respiratory protection. P301+P310 If swallowed:  
 Immediately call a poison center/doctor.  
 P330: Rinse mouth.  
 P302+P352: If on skin: Wash with plenty of water.  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312: Call a poison center/doctor if you feel unwell.  
 P320: Specific treatment is urgent (see on this label).  
 P361+P364: Take off immediately all contaminated clothing and wash it before reuse.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.  
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations

### Section 3 – Composition/Information on Ingredients

Chemical name	CAS number	EC number		Concentration
Formula: $C_{77}H_{129}N_{13}O_{21}$ MW 1573.0	--	--		98%

### Section 4 – First Aid Measures

1. *Skin contact:* Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
2. *Eye contact:* Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
3. *Inhalation:* Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
4. *Ingestion:* Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

### Section 5 – Fire Fighting Measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

### Section 6 – Accidental Release Measures

*Personal Precautions:*

Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.

Respiratory precaution: Wear approved mask/respirator

Hand precaution: Wear suitable gloves/gauntlets

Skin protection: Wear suitable protective clothing

Eye protection: Wear suitable eye protection

*Methods for Cleaning Up:*

Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.

*Environmental Precautions:*

Do not allow material to enter drains or water courses.

### Section 7 – Handling and Storage

*Handling:*

This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.

*Storage:*

Store in closed vessels at -20°C.

### Section 8 – Exposure Controls and Personal Protection

*Engineering Controls:* Use only in a chemical fume hood.

*Personal protective equipment:* Wear chemical-resistant gloves, safety goggles.

*General hygiene measures:* Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Section 9 – Physical and Chemical Properties

Characteristic	
Appearance	Solid
Odor	No data available
Boiling Point	No data available
Melting Point	No data available
Flash Point	No data available
Density	No data available

### Section 10 – Stability and Reactivity

Conditions to avoid: Heat, flames and sparks.

Materials to avoid: Oxidizing agents.

Possible hazardous combustion products: No data available.

### Section 11 – Toxicological Information

No data

### Section 12 – Ecological Information

All work practices must be aimed at eliminating environmental contamination. No specific information is available on the effect of this material on plants or animals in the aquatic environment.

### Section 13 – Disposal Considerations

Preparing Wastes for Disposal: This material, if discarded as produced, is not a RCRA “listed” or “characteristic” hazardous waste. Use resulting or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials consult state and local regulations regarding the proper disposal of this material.

U.S. EPA Waste Number: None

### Section 14 – Transportation Information

This material is not hazardous as defined by 49 CFR 172.101 by the U.S. Department of Transportation.

Proper Shipping Name: Not applicable

Hazard Class Number and Description: Not applicable

UN Identification Number: Not applicable

Parking Group: Not applicable

DOT Label(s) Required: Not applicable

North American Emergency Response Guidebook Number (1996): Not applicable

MARINE POLLUTANT: No component of this product is listed as a Marine Pollutant (49 CFR 172.101, Appendix B)

Transport Canada Transportation of Dangerous Goods Regulation: Not applicable

### Section 15 – Regulatory Information

Indication of Danger: No data.

Risk Statement: No data.

Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

**U.S. Regulations:**

*U.S. SARA Reporting Requirements:* The components of this product are not subject to the reporting requirements of Sections 302, 304 and 313 of Title II of the Superfund Amendments and Reauthorization Act.

*U.S. SARA Threshold Planning Quantity:* Not applicable.

*U.S. CERCLA Reportable Quantities (RQ):* Not applicable.

*U.S. TSCA Inventory Status:* This material is not found on the TSCA inventory list.

*California State Drinking Water and Toxic Enforcement Act (Proposition 65):* This product does NOT contain chemicals known to the State of California to cause cancer or reproductive effects.

**Canadian Regulations:**

*Canadian DSL/NDSL Status:* This material is not found on the DSL/NDSL inventory lists.

**Section 16 – Other Information**

<b>PREPARED BY:</b> BPS Bioscience, Inc. 6405 Mira Mesa Blvd., Ste. 100 San Diego, CA 92121 (858) 202-1401	<b>SUPERCEDES:</b> -
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**Key / Legend**

CAS# = Chemical Abstract Service Number DOT = Department of Transportation EEC = European Economic Community EPA = Environmental Protection Agency EU = European Union GHS = Globally Harmonized System HMIS = Hazardous Materials Identification System IARC = International Agency for Research on Cancer	IMO = International Maritime Organization IATA = International Air Transport Association NFPA = National Fire Protection Association NIOSH = National Institute of Occupational Safety and Health NTP = National Toxicology Program OSHA = Occupational Safety and Health Administration PPE = Personal Protective Equipment SDS = Safety Data Sheet
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