

## SECTION 1: Product and Company Identification

### Identification of the substance or mixture

**Product Name:** EasyPrep Tissue Protein Extraction Buffer  
**Catalog #:** 10453

### Company Identification

Cepharm Life Sciences Inc.  
11830 W Market Place, Suite K  
Fulton, MD 20759  
USA  
Toll Free: 1-800-257-1565  
Phone: 410-636-4954

**24-hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN 1010970**

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

## SECTION 2: Hazards identification

### GHS - Classification

**Signal Word**  
None

**Health hazards**  
Not classified

**Physical hazards**  
Not classified

**Hazard Statements**  
Not applicable

**Precautionary Statements**  
Not applicable

### Principle Routes of Exposure

#### Potential Health Effects

<b>eyes</b>	May cause eye irritation with susceptible persons.
<b>Skin</b>	May cause skin irritation in susceptible persons.
<b>Inhalation</b>	May be harmful by inhalation.
<b>Ingestion</b>	May be harmful if swallowed.

### Specific effects

<b>Carcinogenic effects</b>	None.
<b>Mutagenic effects</b>	None.
<b>Reproductive toxicity</b>	None.
<b>Sensitization</b>	None.
<b>Target Organ Effects</b>	No known effects under normal use conditions.

### HMIS

Health	0
Flammability	0
Reactivity	0

### SECTION 3: Composition / Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### SECTION 4: First Aid Measures

<b>Skin contact</b>	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
<b>Ingestion</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
<b>Inhalation</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<b>Most important symptoms and effects, both acute and delayed</b>	Not Applicable
<b>Notes to Physician</b>	Treat symptomatically.

### SECTION 5: Firefighting Measures

<b>Suitable extinguishing media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
<b>Special protective equipment for firefighters</b>	Standard procedure for chemical fires.
<b>Specific hazards arising from the chemical</b>	Not known

### SECTION 6: Accidental Release Measures

<b>Personal precautions</b>	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material.
<b><u>Environmental precautions</u></b>	No special environment precautions required.
	See Section 12 for more information.

### SECTION 7: Handling & Storage

<b>Handling</b>	Always wear recommended Personal Protective Equipment. No special handling advices are necessary.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place.

### SECTION 8: Exposure Controls / Personal Protection

#### Exposure Limits

We are not aware of any national exposure limit.

#### Engineering measures

Ensure adequate ventilation, especially in confined areas.

#### 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.

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Impervious gloves.
<b>Eye protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Lightweight protective clothing.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

<b>Environmental exposure controls</b>	No special environment precautions required.
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## SECTION 9: Physical and Chemical Properties

### Appearance

Physical state	Liquid.
Color	Not available
Odor	Not available
Odor threshold	Not available
pH	Not available
Melting point	Not available
Boiling point	Not available
Flash point	Not available
Burning time	Not available
Burning rate	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility	Not available
Solubility in water	Not available
Partition coefficient: noctanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
SADT	Not available
Viscosity	Not available

## SECTION 10: Stability & Reactivity

Stability	Stable under normal conditions.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Possibility of hazardous reactions	Hazardous reaction has not been reported
Hazardous decomposition products	None under normal use conditions.
Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None under normal processing.

## SECTION 11: Toxicological Information

### Acute Toxicity

No toxicology information is available.

### Potential acute health effects

#### Potential Health Effects

eyes:	May cause eye irritation with susceptible persons.
Skin:	May cause skin irritation in susceptible persons.
inhalation:	May be harmful by inhalation.
Ingestion:	May be harmful if swallowed.

Carcinogenic effects	None
Mutagenic effects	None
Reproductive toxicity	None
Sensitization	None

## SECTION 12: Ecological Information

Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility	No information available.
Biodegradation	Inherently biodegradable
Bioaccumulation	Material does not bioaccumulate.

## SECTION 13: Disposal Considerations

Dispose of contents/containers in accordance with local regulations.

## SECTION 14: Transport Information

### IATA

<b>Proper Shipping Name</b>	No dangerous good in sense of these transport regulations
<b>Hazard Class</b>	None
<b>Subsidiary class</b>	None
<b>Packing group</b>	None
<b>UN-No</b>	None
<b>Environmental hazards</b>	None

## SECTION 15: Regulatory Information

### U.S. 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

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## SECTION 16: Other Information

### **Disclaimer:**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not represent any guarantee of the properties of the product. Cepham Life Sciences Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.