

SECTION 1: Product and Company Identification**Identification of the substance or mixture**

Product Name: EasyPrep Bacterial Protein Extraction Buffer
Catalog #: 10449

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**Prevention**

Not Applicable

Response

Not Applicable

Storage

Not Applicable

Disposal

Not Applicable

Precautionary Statements

Not Applicable

Principle Routes of Exposure**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.

Specific effects

Carcinogenic effects None.
Mutagenic effects None.
Reproductive toxicity None.
Sensitization None.
Target Organ Effects 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

Skin contact Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Ingestion Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed
Not Applicable

Notes to Physician Treat symptomatically.

SECTION 5: Firefighting Measures

Suitable extinguishing media Water spray. Carbon dioxide (CO2). Foam. Dry chemical.
Special protective equipment for firefighters Standard procedure for chemical fires.
Specific hazards arising from the chemical Not known

SECTION 6: Accidental Release Measures

Personal precautions Always wear recommended Personal Protective Equipment. Use personal protection equipment.

Methods for cleaning up Soak up with inert absorbent material.

Environmental precautions

No special environmental precautions required.

See Section 12 for more information.

SECTION 7: Handling & Storage

Handling Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Storage 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.

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Impervious 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	No special environmental precautions required.

SECTION 9: Physical and Chemical Properties

General information

Form	Liquid
Appearance	No data available
Odor	No data available
Odor Threshold	No data available

Boiling point / boiling range No data available

Melting point /

melting range flash point No data available

Autoignition Temperature No data available

Evaporation rate No data available

Flammability (solid, gas) No data available

Oxidizing properties No data available

Water solubility No data available

Upper explosion limit No data available

Lower explosion limit No data available

Partition coefficient:

n-octanol/water No data available

Vapor Pressure No data available

vapor density No data available

Viscosity No data available

pH value No data 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.

Principle Routes of Exposure

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	No information available.
Bioaccumulation	No information available.

SECTION 13: Disposal Considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport Information

IATA

Proper Shipping Name	No dangerous good in sense of these transport regulations
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

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.