

SECTION 1: Product and Company Identification

Identification of the substance or mixture

Catalog #: 10617
Product Name: Casein in PBS [1%] Blocking Buffer

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

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, protective equipment and emergency procedures**

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

Methods and material for containment and 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 limits.

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**Information on basic physical and chemical properties**

a) Appearance	Form: liquid
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	no data available
t) Oxidizing properties	No data available

Other safety information

No data available

SECTION 10: Stability & Reactivity**Chemical stability**

Stable under normal conditions.

Incompatible Materials

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	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**

Proper Shipping Name	No dangerous goods 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.