

# Material Safety Data Sheet

Revision Date 6/2/2017

## 1. Identification of substance and company

**Product Name:** Peptone  
**Product Number:** P1210-500; P1210-2000; P1210-5000  
**Identified Uses:** Laboratory chemicals; for research use only.  
**Company:** UBPBio  
Tel: +1 800-218-0982  
Fax: +1 800-682-6801  
E-mail: support@ubpbio.com  
Web: www.ubpbio.com

## 2. Composition/data on components

**Chemical Name:** Peptone  
**Synonyms:** N/A  
**Hazardous Ingredient:** No ingredients are hazardous according to OSHA criteria  
**CAS Registry Number:** 73049-73-7  
**Appearance/Color:** Powder/beige  
**Molecular Formula:** N/A

## 3. Hazard identification

**Hazard Description:** Not a hazardous substance or mixture.

## 4. First aid measures

**After Inhalation:** If inhaled, move person into fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration  
**After skin contact:** Flush with copious amounts of water; remove contaminated clothing and shoes; call a physician  
**After eye contact:** Flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician  
**After swallowing:** If swallowed, wash out mouth with copious amounts of water; call a physician

## 5. Fire fighting measures

**Extinguishing agents:** Water spray, carbon dioxide, dry chemical powder or foam  
**Protective** Wear self-contained breathing apparatus and protective clothing to prevent

**equipment:** contact with skin and eyes.  
**Unusual fire hazard:** Emits toxic fumes such as carbon monoxide, etc.

## 6. Accidental release measures

**After Inhalation:** Cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves  
**Measures for cleaning/collecting:** Absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13.

## 7. Handling

**Information for safe handling and storage:** Avoid inhalation and contact with skin, eyes and clothing; material may be an irritant. Keep container tightly sealed in a dry and well-ventilated place. Moisture sensitive.

## 8. Exposure controls and personal protection

### Personal protective equipment as follows:

**Breathing equipment:** Respiratory protection is not required. However protection from nuisance levels of dusts are recommended, use type N95 (US) or type P1 (EN 143) dust masks. Use NIOSH/MSHA-approved respirator.  
**Protection of hands:** Chemical-resistant rubber gloves.  
**Eye protection:** Chemical safety goggles.

## 9. Physical and Chemical Properties

|                                      |                     |                                  |                   |
|--------------------------------------|---------------------|----------------------------------|-------------------|
| <b>Appearance</b>                    | Beige color/powder  | <b>Vapor Pressure</b>            | No data available |
| <b>Odor</b>                          | No data available   | <b>Vapor Density</b>             | No data available |
| <b>Odor Threshold</b>                | No data available   | <b>Relative Density</b>          | No data available |
| <b>pH</b>                            | 5.0 - 7.2 at 15 g/l | <b>Water Solubility</b>          | No data available |
| <b>Melting point</b>                 | No data available   | <b>Partition coefficient</b>     | No data available |
| <b>Initial boiling point</b>         | No data available   | <b>Auto-ignition temperature</b> | No data available |
| <b>Flash point</b>                   | No data available   | <b>Decomposition Temperature</b> | No data available |
| <b>Evaporation rate</b>              | No data available   | <b>Viscosity</b>                 | No data available |
| <b>Flammability (Solid)</b>          | No data available   | <b>Explosive Properties</b>      | No data available |
| <b>Upper / lower Flammability or</b> | No data available   | <b>Oxidizing properties</b>      | No data available |

|                  |  |  |  |
|------------------|--|--|--|
| explosive limits |  |  |  |
|------------------|--|--|--|

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Stability:</b>  | Stable for 24 months if stored as directed. |
| <b>Thermal decomposition / conditions to be avoided:</b> | Protect from moisture, light and heat.      |
| <b>Dangerous products of decomposition:</b>              | No data available.                          |

## 11. Toxicological information

| RTECS#:                         |                                |
|---------------------------------|--------------------------------|
| <b>Acute toxicity:</b>          | Not known                      |
| <b>Primary irritant effect:</b> | Not known                      |
| <b>On the skin:</b>             | Not known                      |
| <b>On the eye:</b>              | Not known; may be an irritant. |

## 12. Ecological information

**General notes:** No data available on toxicity, persistence, mobility in soil etc.

## 13. Disposal consideration

Dispose of in accordance with prevailing country, federal, state and local regulations. Provide surplus and solutions to a licensed disposal company. Dispose contaminated packaging as unused product.

## 14. Transport information

| DOT/TDG/IATA/IMDG/IMO               |   |
|-------------------------------------|---|
| <b>Proper shipping name:</b>        | Peptone   |
| <b>Non-Hazardous for transport:</b> | This substance is considered to be non-hazardous for transport. |

## 15. Regulations

**SARA 302 components**

No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards**

No SARA Hazards.

**SARA 313 components**

No chemicals in this product with known CAS numbers that exceed the threshold reporting levels according to SARA Title III, Section 313.

**16. Other information**

The above information is believed to be correct based on our present knowledge but does not purport to be complete. The product is for research use only and for trained personnel. The burden of safe use of this material rests entirely with the user. UBPBio disclaims all liability for any damage resulting from use of this material.