

**Peptone****PEP01 - PEP04****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the product : Mixture  
Product code : PEP01 – PEP04  
Trade name : Peptone  
CAS number : 73049-73-7

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

1.2.1 Relevant identified uses For research purposes only  
1.2.2 Uses advised against No additional information available

**1.3. Details of the supplier of the safety data sheet**

Company identification : Formedium Ltd.  
Unit 1B Hunstanton Commercial Park  
Norfolk PE365JQ  
Tel: +44(0)1485 609069  
Fax: +44(0)1485 600510  
E-mail:info@formedium.com

**1.4. Emergency telephone number**

Emergency telephone number : Tel: +44(0)1485 609069 (local time : 9.00 to 17.00)  
National Poison Information Centre :Europe UK : +44 0845 4647 (this service is only available to health professionals)  
See [www.toxbase.org](http://www.toxbase.org) for a local poison centre

**SECTION 2 Hazards identification****2.1. Classification of the substance or mixture**

:  
**Classification according to Regulation (EC) 1272/2008**

Not regulated

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008**

Hazards pictograms code : None  
Precautionary statements : None

**2.3 Other hazards**

None under normal conditions.

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**Peptone****PEP01 – PEP04****SECTION 3 Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2. Mixtures**

Substance name:	Contents	CAS No:	EC No:	Annex No:	Ref REACH	Classification
Peptone	> 95 %	73049-73-7	615-895-9	--	--	Not classified

**SECTION 4 First aid measures****4.1. Description of first aid measures**

- Inhalation** : Remove victim to fresh air.
- Skin contact** : Wash skin with mild soap and water.
- Eye contact** : Rinse with plenty of water.
- Ingestion** : Rinse mouth out with water.

**4.2. Most important symptoms and effects, both acute and delayed**

- Symptoms and effects after inhalation** : Cough. May cause respiratory irritation.
- Symptoms and effects after skin contact** : May cause skin irritation.
- Symptoms and effects after eye contact** : May cause eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

- Medical attention and special treatment needed.** : No data available.

**SECTION 5 Fire-fighting measures****5.1. Extinguishing media**

- Suitable extinguishing media** : Water spray, Carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam or Dry chemical powder.

**5.2. Special hazards arising from the substance or mixture**Under fire conditions, hazardous fumes will be present. CO<sub>x</sub>, NO<sub>x</sub>, SO<sub>x</sub>**5.3. Advice for firefighters**

- Protection against fire** : Wear proper protective equipment.
- Firefighting instructions** : Prevent fire fighting water from entering the environment.

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### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel : No additional information available.

6.1.2. For emergency responders : No additional information available.

#### 6.2 . Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up dry powder and dispose properly.

#### 6.4. Reference to other sections

For disposal see section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid dust formation.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Hygroscopic. Store in a dry, well-ventilated area. Keep container tightly closed. Store at room temperature.

#### 7.3. Specific end use(s)

For research purposes only

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available.

#### 8.2. Exposure controls

Type	Material	Permeation	Thickness (mm)	Standard
Gloves	Nitrile Rubber (NBR)	6 (> 480 minutes)	0.11	EN 374

- **Eye protection** : Chemical goggles or safety glasses.
- **Skin and body protection** : In case of possible repeated skin contact wear protective clothing.
- **Respiratory protection** : Where excessive dust may result, wear approved mask. Type P1 (EN143)

### SECTION 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties.

Physical state : Solid  
 Appearance : Powder  
 Colour : White  
 Odour : Characteristic

**Peptone****PEP01 – PEP04****SECTION 9 Physical and chemical properties (continued)**

<b>Odour threshold</b>	: No data available.
<b>pH</b>	: No data available.
<b>pH solution</b>	: 5 – 7.5 % (5% solution)
<b>Relative evaporation rate (butylacetate = 1)</b>	: No data available.
<b>Melting point (°C)</b>	: No data available.
<b>Freezing point</b>	: No data available.
<b>Boiling point (°C)</b>	: No data available.
<b>Flash point (°C)</b>	: No data available.
<b>Auto-ignition temperature</b>	: No data available
<b>Decomposition temperature</b>	: No data available.
<b>Flammability (solid / gas)</b>	: Non flammable.
<b>Vapour pressure</b>	: No data available.
<b>Relative vapour density at 20°C</b>	: No data available.
<b>Relative Density</b>	: No data available.
<b>Solubility</b>	: Readily soluble in water.
<b>Log Pow</b>	: No data available.
<b>Viscosity, kinematic</b>	: No data available.
<b>Viscosity, dynamic</b>	: No data available.
<b>Explosive properties</b>	: No data available.
<b>Oxidising properties</b>	: No data available.
<b>Explosive limits</b>	: No data available.

**9.2 Other information**

No additional information available

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### SECTION 10 Stability and reactivity

#### **10.1. Reactivity**

No additional information available.

#### **10.2. Chemical stability**

Stable under recommended storage conditions.

#### **10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

#### **10.4. Conditions to avoid**

Moisture.

#### **10.5. Incompatible materials**

No additional information available.

#### **10.6. Hazardous decomposition products**

When heated to decomposition, emits dangerous fumes.

### SECTION 11 Toxicological information

#### **11.1. Information on toxicological effects**

Acute toxicity	: Not classified
Skin corrosion / irritation	: Not classified
Serious eye damage / irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT – single exposure	: Not classified
STOT – repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12 Ecological information

#### **12.1. Toxicity**

No data available.

#### **12.2. Persistence and degradability**

No additional information available.

#### **12.3. Bioaccumulative potential**

No additional information available.

#### **12.4. Mobility in soil**

No additional information available.

#### **12.5. Results of PBT and vPvB assessment**

No additional information available.

#### **12.6. Other adverse effects**

**Additional information** : Prevent entry to sewers and public waters. Avoid release to the environment.

**Peptone****PEP01 – PEP04****SECTION 13 Disposal considerations****13.1. Waste treatment methods****Waste treatment methods** Dispose in a safe manner in accordance with local / national regulations.**SECTION 14 Transport information**

In accordance with ADR / IATA / IMDG

**14.1. UN Number**

Not applicable

**General information** : Not classified as dangerous in the meaning of transport regulations.**14.2. UN Proper shipping name**

Not applicable.

**14.3. Transport Hazard Class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Not applicable.

**14.6. Special precautions for user**

Not applicable

**SECTION 15 Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

This safety datasheet complies with the requirements of Regulation (EU) No. 2015/830.

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no Annex XIV substances.

**15.1.2 National regulations**

Ensure all national / local regulations are observed.

**15.2. Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

**SECTION 16 Other information****Further information** : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Formedium Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.**Revision** : Complete SDS revision

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