

## Peptone

PEP01 - PEP04

### SECTION 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

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.  
 King's Lynn, England, PE31 6DJ  
 Tel: +44(0)1485 609069  
 Web: [www.Formedium.com](http://www.Formedium.com)  
 E-mail: [info@formedium.com](mailto: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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### SECTION 3 Composition / information on ingredients

#### 3.1. Substances

Substance name:	Contents	CAS No:	EC No:	Annex No:	Ref REACH	Classification
Peptone	> 95 %	91079-38-8	293-426-3	--	--	Not classified

#### 3.2. Mixtures

Not applicable.

**Peptone****PEP01 – PEP04****SECTION 4 First Aid Measures****4.1. Description of first aid measures**

**Inhalation** : Remove victim to fresh air, if not breathing give artificial respiration.

**Skin contact** : Wash skin with mild soap and plenty of water.

**Eye contact** : Flush eyes as a precaution.

**Ingestion** : Rinse mouth out with water. Never give anything by mouth to an unconscious person.

**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**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2. Special hazards arising from substance or mixture**

Nature of decomposition products not known.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus for firefighting, if necessary.

**5.4. Further information**

No data available

**SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.  
For personal protection, see section 8.

**6.2. Environmental precautions**

No special environmental precautions required.

**6.3. Methods and materials for containment and cleaning up.**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4. Reference to other sections**

For disposal see section 13.

**Peptone****PEP01 – PEP04****SECTION 7 Handling and storage****7.1. Precautions for safe handling**

**Precautions for safe handling** : Provide appropriate exhaust ventilation at places where dust is formed.

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

Keep container tightly closed in a dry and well ventilated place. Store in a cool place.

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

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

**SECTION 8 Exposure controls / personal protection****8.1. Control parameters****Components with workplace control parameters**

Contains no substances with occupational exposure limits.

**8.2. Exposure controls****Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment****Eye / face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

No special environmental precautions required.

**Peptone****PEP01 – PEP04****SECTION 9 Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	: Form: solid
<b>Odour</b>	: No data available
<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

**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 data available.

**10.4. Conditions to avoid**

No additional information available.

**Peptone****PEP01 – PEP04****SECTION 10 Stability and reactivity (continued)****10.5. Incompatible materials**

Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions.

Nature of decomposition products not known.

Other decomposition products – No data available.

In the event of fire: see section 5

**SECTION 11 Toxicological information****11.1. Information on toxicological effects**

<b>Acute toxicity</b>	: No data available.
<b>Skin corrosion / irritation</b>	: No data available.
<b>Serious eye damage / irritation</b>	: No data available.
<b>Respiratory or skin sensitisation</b>	: No data available.
<b>Germ cell mutagenicity</b>	: No data available.
<b>Carcinogenicity</b>	: IARC – No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	: No data available.
<b>STOT – single exposure</b>	: No data available.
<b>STOT – repeated exposure</b>	: No data available.
<b>Aspiration hazard</b>	: No data available.

**11.2. Additional Information****Endocrine disrupting properties**

The Substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Peptone****PEP01 – PEP04****SECTION 12 Ecological information****12.1. Toxicity**

No data available.

**12.2. Persistence and degradability**

No data 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.

**12.7. Endocrine disrupting properties**

The Substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 13 Disposal considerations****13.1. Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

**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

**End of document**

**Peptone****PEP01 – PEP04****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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End of document