

**YPL BROTH WITH LACTOSE****YPLB01****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Identification of the product** : Blended material**Product code** : YPLB01**Trade name** : YPL Broth with Lactose**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)  
NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours)**SECTION 2 Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 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.

**YPL BROTH WITH LACTOSE****YPLB01****SECTION 3 Composition/information on ingredients****Components** : This product is not classified as hazardous.**Substance name:**

Peptone  
Yeast Extract  
Lactose  
Adenine sulphate

**SECTION 4 First aid measures****4.1. Description of first aid measures****General information** : Seek medical attention if ill effect develops.**Inhalation** : Remove victim to fresh air.**Skin contact** : Flush with plenty of water.**Eye contact** : Rinse with copious amounts of water.**Ingestion** : Induce vomiting, give plenty of water to drink.**4.2. Most important symptoms and effects, both acute and delayed****Symptoms and effects, both acute and delayed.** : No data available.**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** : Dry powder  
Alcohol-resistant foam  
Water spray  
Carbon dioxide (CO<sub>2</sub>)**5.2. Special hazards arising from the substance or mixture**When heated to decomposition, emits toxic fumes. CO<sub>x</sub>**5.3. Advice for firefighters****Protection against fire** : Wear proper protective & breathing equipment.  
**Special procedures** : Avoid (reject) fire fighting water to enter environment.

**YPL BROTH WITH LACTOSE****YPLB01****SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Technical measures** : Use good housekeeping practices to avoid rendering dust airborne.

**6.2 . Environmental precautions**

**Environmental precautions** : Prevent entry to sewers and public waters.

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

**Clean up methods** : Sweep up dry powder.  
Keep in suitable, closed container for disposal.  
Dispose of properly.

**6.4. Reference to other sections**

For disposal see section 13.

**SECTION 7 Handling and storage****7.1. Precautions for safe handling**

**General** : Store in a dry, well-ventilated area.

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

**Storage conditions** : Store in a dry, cool area.  
See bottle label for optimum storage conditions.

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

**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**

- **Eye protection** : Safety glasses.
- **Skin protection** : Wear suitable protective clothing.
- **Hand protection** : Wear gloves. Dispose of gloves correctly. Wash and dry hands.
- **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.****Appearance**

**Physical state at 20°C** : Powder

**Colour** : Light yellowish

**Odour** : Slight odour

**YPL BROTH WITH LACTOSE****YPLB01****SECTION 9 Physical and chemical properties (continued)**

<b>Odour threshold</b>	: No data available.
<b>pH</b>	: 6 - 9
<b>Melting point / Freezing point</b>	: No data available.
<b>Boiling point (°C)</b>	: No data available.
<b>Flash point (°C)</b>	: No data available.
<b>Evaporation rate (ether=1)</b>	: No data available.
<b>Flammability range (vol % in air)</b>	: No data available.
<b>Explosion limits</b>	: No data available.
<b>Vapour pressure</b>	: No data available.
<b>Relative vapour density (air = 1)</b>	: No data available.
<b>Relative Density</b>	: No data available.
<b>Solubility in water</b>	: Soluble.
<b>Log P octanol / water at 20°C</b>	: Not established.
<b>Auto ignition temperature (°C)</b>	: No data available.
<b>Thermal decomposition (°C)</b>	: No data available.
<b>Explosive properties</b>	: Not established.
<b>Oxidising properties</b>	: Not established.

**9.2 Other information****No additional information available**

**YPL BROTH WITH LACTOSE****YPLB01****SECTION 10 Stability and reactivity****10.1. Reactivity**

No data available.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions****Hazardous reactions**

None.

**10.4. Conditions to avoid**

Moisture

**10.5. Incompatible materials****Materials to avoid**

Strong oxidizing agents.

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

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.

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

: This product is not hazardous.

**Rat oral LD50 (mg/Kg)**

: 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.

**SECTION 12 Ecological information****12.1. Toxicity**

No data available.

**12.2. Persistence – degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

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

No data available.

**12.6. Other adverse effects**

No data available.

**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.

**YPL BROTH WITH LACTOSE****YPLB01****SECTION 13 Disposal considerations****13.1. Waste treatment methods****General**

Avoid release to the environment.

Dispose in a safe manner in accordance with local / national regulations.

**SECTION 14 Transport information****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.

**14.7. Bulk transport-annex Marpol 73/78-IBC**

Not applicable.

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

Ensure all national / local regulations are observed. See label for full details, information.

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

**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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