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

**1.1. Product identifier**

Identification of the product : Blended material  
 Product code : SPB01  
 Trade name : Super Broth

**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) 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.

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**SECTION 3 Composition/information on ingredients**

**Components** : This product is not classified as hazardous.

**Substance name:**

Yeast Extract  
Tryptone  
Sodium chloride

**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.

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**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

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#### 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

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#### Formedium Ltd.

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**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.

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

No data available.

**12.2. Persistence and 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.

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