

Terrific Broth**TRB0101 – TRB0104****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the product : Mixture
Product code: : TRB0101 – TRB0104
Trade name : Terrific 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.
King's Lynn, England, PE31 6DJ
Tel: +44(0)1485 609069
Web: www.formedium.com
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)
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) 1272/2008**

Not regulated

Adverse physiochemical, human health and environmental effects

No additional information available.

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

Substance / Preparation

Substance name:	Contents	CAS No:	EC No:	Annex No:	Ref REACH	Classification
Tryptone	12 g/l	73049-73-7	293-428-4	--	--	Not classified
Yeast Extract	24 g/L	8013-01-2	232-387-9	--	--	Not classified

This product is not hazardous.

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** : 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

May cause skin irritation.

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

No additional information available.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, Carbon dioxide (CO₂), alcohol-resistant foam or Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Under fire conditions, hazardous fumes will be present. SO_x, CO_x, NO_x.

5.3. Advice for firefighters

Precautionary measures fire : Wear proper protective equipment.

Terrific Broth**TRB0101 – TRB0104****SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General precautions** : Avoid raising powdered materials into airborne dust.**Personal precautions** : Wear suitable protective clothing.**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****General** : Store in a dry, well ventilated area.**7.2. Conditions for safe storage, including any incompatibilities****Storage conditions** : Store in a dry, well-ventilated area.
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** : 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)

Terrific Broth**TRB0101 – TRB0104****SECTION 9 Physical and chemical properties****9.1. Information on basic physical and chemical properties.**

Physical state	: Solid
Appearance	: Powder
Colour	: White
Odour	: Weak
Odour threshold	: No data available.
pH	: No data available.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: No data available.
Flash point	: No data available.
Evaporation rate (ether = 1)	: No data available.
Auto-ignition temperature	: No data available.
Thermal decomposition [°C]	: No data available.
Flammability range (vol in air)	: No data available.
Vapour pressure	: No data available.
Relative vapour density [air = 1]	: No data available.
Relative Density	: No data available.
Solubility	: Water : Readily soluble in water.
Log Pow at 20°C	: No data available.
Viscosity	: No data available.
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosion limits	: No data available.

9.2. Other information

Other properties : No data available.

Terrific Broth**TRB0101 – TRB0104****SECTION 10 Stability and reactivity****10.1. Reactivity**

None under normal conditions.

10.2. Chemical stability

Stable under normal 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

Strong oxidizers.

10.6. Hazardous decomposition productsWhen heated to decomposition, emits dangerous fumes. NO_x, CO_x, SO_x.**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

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 additional information 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.

Terrific Broth**TRB0101 – TRB0104****SECTION 12 Ecological information (continued)****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****Waste treatment methods** : Dispose in a safe manner in accordance with local / national regulations. Avoid release to the environment.**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****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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