

Yeast Extract**YEA01 – YEA04****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the product : Raw material
Product code : YEA01 – YEA04
Trade name : Yeast Extract
CAS number : 008013-01-2

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)
National Poison Information Centre :Europe UK : +44 0845 4647 (this service is only available to health professionals)
See 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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Yeast Extract**YEA01 – YEA04****SECTION 3 Composition/information on ingredients****Components** : This product is not classified as hazardous.A product resulting from the autolysis of *Saccharomyces cerevisiae* type yeast. Contains proteins, carbohydrates and minerals matters.

| Substance name: | Contents | CAS No: | EC No: | Annex No: | Ref REACH | Classification |
|-----------------|----------|-----------|-----------|-----------|-----------|----------------|
| Yeast extract | > 96% | 8013-01-2 | 232-387-9 | -- | -- | 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 water.
- Ingestion** : Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms / effects** : No data available.**4.3. Indication of any immediate 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 (CO₂).
Dry powder.**5.2. Special hazards arising from the substance or mixture**Under fire conditions. Hazardous fumes will be present. CO_x, NO_x, SO_x..**5.3. Advice for firefighters****Precautionary measures - fire** : Wear proper protective equipment.
Special procedures : Avoid (reject) fire-fighting water to enter environment.

Yeast Extract**YEA01 – YEA04****SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel****Protective equipment** : Wear suitable protective clothing.**6.2. Environmental precaution:****Environmental precautions** : Prevent entry to sewers and public waters.**6.3. Methods and material for containment and cleaning up****Clean up methods** : Dilute residue with water.
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)****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** : Chemical gloves or safety glasses.
- **Skin protection** : Wear suitable protective clothing.
- **Hand protection** : Gloves.
- **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****Colour** : Brown.

: Beige.

Appearance : Powder.**Odour** : Characteristic.

Yeast Extract**YEA01 – YEA02****SECTION 9 Physical and chemical properties (continued)**

| | |
|--|---------------------------|
| Odour threshold | : Not established. |
| pH | : 6.8 – 7.2 (8.3%) |
| pH solution | : 4.5 – 7 (100 g/L, 20°C) |
| Melting point | : No data available. |
| Freezing point | : No data available. |
| Boiling point (°C) | : No data available. |
| Flash point (°C) | : No data available. |
| Evaporation rate (ether=1) | : No data available. |
| Flammability range (vol % in air) | : No data available. |
| Explosion limits | : No data available. |
| Vapour pressure | : No data available. |
| Relative vapour density (air = 1) | : No data available. |
| Relative Density - Bulk Density (kg/m3) | : Circa 490 |
| Solubility in water | : Circa 410 g/L |
| Log P octanol / water at 20°C | : Not established. |
| Auto ignition temperature (°C) | : > 250 |
| Thermal decomposition (°C) | : No data available. |
| Explosive properties | : No data available. |
| Oxidising properties | : Not established. |

9.2 Other information

| | |
|-------------------|--------------------------|
| Other data | : Sodium chloride < 0.5% |
| | Amino nitrogen 4.8 – 6.3 |
| | Total nitrogen 10 – 11.8 |

SECTION 10 Stability and reactivity**10.1. Reactivity**

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

This product is not hazardous.

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials**Materials to avoid** : Oxidizing agent.**10.6. Hazardous decomposition products**

No data available.

Yeast Extract**YEA01 – YEA04****SECTION 11 Toxicological information****11.1. Information on toxicological effects****Toxicity information** : Not established.**Inhalation** : May cause irritation to the respiratory tract.**Dermal** : May cause skin irritation**Ocular** : May cause eye irritation.**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 and degradability

None. No data available.

12.3. Bioaccumulative potential

No data available. -3

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects**Environmental precautions** : 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.

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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. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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

End of document