



Catalogue code/number: 007.1

Product name: **GLUCOSE YEAST EXTRACT AGAR (GYA)**

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 PRODUCT IDENTIFIERS

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### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of the products: Culture medium for microbiology for laboratory use. Media used for the identification of mesophiles and thermophiles bacteria. Recommended by UNE-EN-3704.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company identification (legal and production site)	CPC BIOTECH s.r.l. Via L. Galvani, 1 20875 Burago di Molgora (MB), Italy
Company identification (production site)	CPC BIOTECH s.r.l. Via L. Galvani, 1 20875 Burago di Molgora (MB), Italy
Telephone number	0039-039-6898029
Fax number	0039-039-6898029
E-mail	<a href="mailto:info@cpcbiotech.it">info@cpcbiotech.it</a>
Responsible person of the MSDS	Safety department ACS Dobfar

### 1.4 EMERGENCY TELEPHONE NUMBER

Emergency number - **Italy**

Unique number for emergency: 112

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Hazardous substance present in mixture according to Regulation n.1272/2008.

#### **IRON SULPHATE (CAS 7720-78-7)**

H Statements	P phrases
H302 H315 H319	P264 P270 P280 P301+P312 P302+P352 P321 P330 P332+P313 P337+P313 P362+P364 P501 P305+P351+P338
See section 16	



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**MANGANESE SULPHATE (CAS 7785-87-7)**

H Statements	P phrases
H373	P260
H318	P280
H411	P273
	P310
	P501
	P305+P351+P338
See section 16	

**2.2 LABEL ELEMENTS**

Not applicable. Mixture classified as not hazardous according to Regulation n.1272/2008.

**2.3 OTHER HAZARDS**

The substance present in mixture isn't PBT/vPvB

**3. COMPOSITION/INFORMATION ON THE INGREDIENTS**

**3.1 SUBSTANCES**

Not available

**3.2 MIXTURES**

Ingredients not dangerous according to Regulation (CE) nr.1272/2008.

Formula (grams for liter of deionized water):	CAS number:
<i>Agar</i> 15.00 g/L	ND
<i>Yeast extract</i> 5.00 g/L	ND
<i>Dextrose</i> 2.50 g/L	77938-63-7
<i>Casamino acids</i> 1.00 g/L	ND
<i>Starch</i> 1.00 g/L	ND

Dangerous ingredients according to Regulation (CE) nr.1272/2008.

Formula (grams for liter of deionized water):	CAS number:
<i>Iron sulphate</i> 0.10 g/L	7720-78-7
<i>Manganese sulphate</i> 0.0001 g/L	7785-87-7

**4. FIRST AID MEASURES**

**4.1 DESCRIPTION OF FIRST AID MEASURES**

Recommended to wear personal protective equipment for first aid.

In case of inhalation	Provide fresh air
In case of skin contact	Wash with soap and water
In case of eye contact	Wash out eyes with plenty of water
In case of ingestion	Wash out mouth with water. Give to the victim 1 or 3 glasses of water in order to dilute stomach content

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

No additional information available.



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**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

No additional information available.

**5. FIREFIGHTING MEASURES**

**5.1 EXTINGUISHING MEDIA**

The product is not combustible. Use extinguishing systems compatible with the local situation and with the surrounding environment.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Nature of decomposition products not known.

**5.3 ADVICE FOR FIREFIGHTERS**

Wear self-contained breathing apparatus and protective clothing for firefighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

For non-emergency personnel	Wear suitable protective equipment. Don't breathe the vapors, evacuate the danger area.
For emergency responders	Use protective devices. See section 8.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Prevent entry to sewers and public waters.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Sweep up and dispose properly.

**6.4 REFERENCE TO OTHER SECTIONS**

For individual protection, refer to section 8. For information about waste, refer to section 13.

**7. HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

Ensure good ventilation of the workstation where dust is formed. Handle in accordance with good industrial hygiene and safety procedures.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. The correct storage refers to intact product in its tightly closed package.

Recommended storage temperature: 2-25°C

**7.3 SPECIFIC END USE(S)**

No additional information available.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

No additional information available.

### 8.2 EXPOSURE CONTROLS

Appropriate engineering controls	Wear protective clothing. See section 7.1.
Individual protection measures, such as personal protective equipment	Personal protective equipment must be chosen in accordance with cen standards and with the supplier of personal protective equipment.
Eye protection	Wear compliant safety glasses.
Skin protection	Wear protective gloves. Wear disposable coveralls.
Respiratory protection	Wear disposable mask.
Thermal hazards	Not applicable
Environmental exposure controls	Do not let the product flow into the drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Amber solid
Odour	Not available
Odour threshold	Not available
pH	Between 6.6 and 7.0
Melting point/freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

### 9.2 OTHER SAFETY INFORMATION

No additional information available.



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## 10. STABILITY AND REACTIVITY

### 10.1 REACTIVITY

No data available.

### 10.2 CHEMICAL STABILITY

The product is stable if store in adequate conditions (see section 7.2).

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No data available.

### 10.4 CONDITIONS TO AVOID

The product is stable if store in adequate conditions (see section 7.2).

### 10.5 INCOMPATIBLE MATERIALS

Strong oxidizing agents.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire see section 5.

## 11. TOXOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

	<b>Mixture:</b>
Acute toxicity	The product doesn't represent acute toxicity in base of known information.
Skin corrosion/irritation	Not identified.
Respiratory or skin sensitisation	Not identified.
Germ cell mutagenicity	Not identified.
carcinogenicity	Not identified.
Reproductive toxicity	Not identified.
STOT-single exposure	Not identified.
STOT-repeated exposure	Not identified.
Aspiration hazard	Not identified.

## 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY

No data available.

### 12.2 PERSISTENCE AND DEGRADABILITY

No data available.

### 12.3 BIOACCUMULATION POTENTIAL

No data available.



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#### **12.4 MOBILITY IN SOIL**

No data available.

#### **12.5 RESULTS OF PBT AND vPvB ASSESSMENT**

The substance present in mixture isn't PBT/vPvB

#### **12.6 OTHER ADVERSE EFFECTS**

No data available.

### **13. DISPOSAL CONSIDERATION**

#### **13.1 WASTE TREATMENT METHODS**

Do not disperse the product in the environment.

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

### **14. TRANSPORT INFORMATION**

#### **14.1 UN NUMBER**

No data available

#### **14.2 UN PROPER SHIPPING NAME**

No data available

#### **14.3 TRANSPORT HAZARD CLASS(ES)**

No data available

#### **14.4 PACKAGING GROUP**

No data available

#### **14.5 ENVIRONMENTAL HAZARDS**

ADR	Not dangerous goods according to the current regulation.
RID	Not dangerous goods according to the current regulation.
ADN	Not relevant.
IATA	Not dangerous goods according to the current regulation.
IMDG	Not dangerous goods according to the current regulation.

#### **14.6 SPECIAL PRECAUTIONS FOR USER**

No data available

#### **14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE**

No data available.

### **15. REGULATORY INFORMATION**



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**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

**This safety data sheet is in compliant to the Regulation UE 2020/878.**

**15.2 CHEMICAL SAFETY ASSESSMENT**

Chemical safety assessment is not required for this product.

**16. OTHER INFORMATION**

Revision information	New revision, it replaces the previous ones. Revision carried out for alignment with the regulation.
List of abbreviation	Not available.
References	Listed in the appropriate paragraphs.
Full text of any H phrases not mentioned in full in sections 2 to 5	H318 Causes serious eye damage. H302 Harmful if swallowed H315 Causes skin irritation. H319 Causes serious eye irritation. H373 May cause damage to organs through prolonged or repeated exposure H411 Toxic to aquatic life with long-lasting effects

**Disclaimer**

The information in this safety data sheet is correct according to our best knowledge of the product at the time of publication. However, all statements, recommendations or suggestions are indicated without any implicit or explicit guarantee or assurance on our part. This information is provided for the sole purpose of allowing the most correct and safe use, storage, transport and disposal of the preparation.

This information should not be considered a guarantee or a specification of the quality of the preparation.

They refer only to the material specifically indicated and are not valid for the same when used in combination with other materials or in other processes not specifically indicated in the text of the safety data sheet.

As a technician, the user should verify the suitability of this information for the specific use of the product and adopt the appropriate safety information