



Catalogue code/number: **081B**  
Product name: **MACCONKEY AGAR**

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

### 1.1 PRODUCT IDENTIFIERS

Product Code: 081B  
Product name: MACCONKEY AGAR

### 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. Selective media used for the isolation of Escherichia coli. Recommended by EP.

### 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 per Ossona, 22 20010 Casorezzo (MI), Italia
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.

#### CRYSTAL VIOLET (CAS 548-62-9)

H statement	P phrases
H351	P308+P313
H302	P305+P351+P338
H318	P301+P312
H410	P280
	P501
	P273
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

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### 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>Pancreatic digest of gelatin</i>	ND
<i>Monohydrate lactose</i>	ND
<i>Agar</i>	ND
<i>Sodium chloride</i>	7647-14-5
<i>Peptone</i>	ND
<i>Bile salts</i>	ND
<i>Neutral red</i>	553-24-2

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

Formula (grams for liter of deionized water):	CAS number:
<i>crystal violet</i>	548-62-9

### 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.

#### 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.



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## 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.

## 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.



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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	Red solid with purplish precipitate
Odour	Not available
Odour threshold	Not available
pH	Between 6.9 and 7.3
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.

## 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.



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### **10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

In case of fire see section 5.

## **11. TOXOLOGICAL INFORMATION**

### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

#### **Mixture:**

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.

#### **Substance (crystal violet):**

Acute toxicity	DL50 rat : 420mg/kg (RTECS)
Skin corrosion/irritation	Eye irritation
carcinogenicity	Suspected carcinogen

## **12. ECOLOGICAL INFORMATION**

### **12.1 TOXICITY**

No data available.

### **12.2 PERSISTENCE AND DEGRADABILITY**

No data available.

### **12.3 BIOACCUMULATION POTENTIAL**

No data available.

### **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.



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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

### 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. Listed in the appropriate paragraphs.



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References

Full text of any H phrases not mentioned in full in sections 2 to 5

H351 Suspected of causing cancer

H302 Harmful if swallowed

H318 Causes serious eye damage H400 Molto tossico per gli organismi acquatici.

H410 Very 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