



Catalogue code/number: **MU024**
Product name: **CETRIMIDE AGAR**

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

1.1 PRODUCT IDENTIFIERS

Product Code: MU024
Product name: CETRIMIDE 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 *Pseudomonas aeruginosa*. Recommended by various Pharmacopoeias.

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	info@cpcbiotech.it
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.

CETRIMIDE (CAS 57-09-0)

H statement	P phrases
H373	P264
H335	P260
H302	P262
H315	P305+P351+P338
H318	P280
H400	P273
H410	P391
	P501

See section 16

2.2 LABEL ELEMENTS

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



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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>Pancreatic digest of gelatin</i> 20.00 g/L	ND
<i>Agar</i> 13.60 g/L	ND
<i>Glycerol</i> 10 ml/L	56-81-5
<i>Dipotassium phosphate</i> 10.00 g/L	ND
<i>Magnesium chloride</i> 1.40 g/L	7791-18-6

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

Formula (grams for liter of deionized water):	CAS number:
<i>cetrimide*</i> 0.30 g/L	57-09-0

* cetrimonium bromide

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



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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: 2-8°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.



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Respiratory protection
Thermal hazards
Environmental exposure
controls

Wear disposable mask.
Not applicable

Do not let the product flow into the drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid. Light amber
Odour	Not available
Odour threshold	Not available
pH	Between 7.0 and 7.4
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 (cetrimide):
Acute toxicity	DL50 rat: 410mg/kg (RTECS)
Skin corrosion/irritation	Skin irritation
Respiratory or skin sensitisation	Not identify

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



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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

UN 3077.

14.2 UN PROPER SHIPPING NAME

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(HEXADECYLTRIMETHYLAMMONIUMBROMIDE)

14.3 TRANSPORT HAZARD CLASS(ES)

9

14.4 PACKAGING GROUP

III

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

Packs of 5kg/L or less are not considered class 9 dangerous goods.

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.
Not available.



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List of abbreviation

References

Listed in the appropriate paragraphs.

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

H373 May cause damage to organs through prolonged or repeated exposure
H335 May cause respiratory irritation.
H302 Harmful if swallowed
H315 Causes skin irritation
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