

SAFETY DATA SHEET

BOTTLED MEDIA

According to Regulation (EC) No 1907/2006 as amended

CREATION DATE: 10/12/2018

REVISION DATE: 30/12/2024

REVISION NUMBER: 7

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

1.1. Product identifier

Product name	Bottled Media
Product code	BM codes

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Culture media and laboratory chemicals. For professional use only.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Company	E&O Laboratories Limited
Address	Burnhouse Bonnybridge Scotland FK4 2HH United Kingdom
Website	www.eolabs.com
Telephone	+ 44 (0) 1324 840404
Fax	+ 44 (0) 1324 841314
Email	enquiries@eolabs.com

1.4. Emergency telephone number

Telephone (24hr)	999 (Emergency - UK), 112 (Emergency - EU member states) 111 (NHS24 Scotland and NHS Direct England & Wales)
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Main hazards	Based on available data, the classification criteria are not met.
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2.2 Label elements	Not applicable.
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2.3 Other hazards	This mixture contains no ingredients considered to be Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (vPvB) at levels 0.1% or higher.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures	This product contains no hazardous substances in reportable quantities.
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4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Seek medical advice.
Inhalation	If breathed in, move person into fresh air.

Eye contact	Rinse immediately with plenty of water. Remove contact lenses if present and safe to do so.
Skin contact	Wash the contaminated area with water.
Ingestion	Rinse mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May be an irritant to respiratory system.
Eye contact	May be an irritant to eyes.
Skin contact	May be an irritant to skin.
Ingestion	Ingestion may cause nausea, vomiting and/or diarrhoea.
Additional	See sections 2 and 11.

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

Treat symptomatically. Symptoms may be delayed.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide, dry chemical, water spray or foam.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition may liberate irritating gases and vapours.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear disposable gloves and protective clothing.

6.2 Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Pick up and transfer into suitable containers for recovery/disposal. Sweep up. Flush area with plenty water.

6.4 Reference to other sections

Not available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Store as directed.

7.3. Specific end use(s)

For laboratory use only.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters	This product does not contain any materials with known exposure limits.
8.2. Exposure controls	
Appropriate engineering controls	Ensure there is adequate ventilation when used.
Individual protection measures	Wear disposable gloves, eye/face protection and protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Various
Colour	Various
Odour	No data available
Odour threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability	No data available
Upper explosion/flammability limit	No data available
Lower explosion/flammability limit	No data available
Flash point	No data available
Autoignition temperature	No data available
Decomposition temperature	Not applicable
pH	3.3 – 9.0
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water	Not applicable
Vapour pressure	No data available
Relative density	No data available
Relative vapour density	No data available
Particle characteristics	Not applicable

9.2. Other information

Explosive properties	Not applicable
Oxidising properties	Not applicable
Corrosive properties	No data available
Evaporation rate	No data available
Conductivity	No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity	None known based on available data.
10.2. Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None known based on available data.
10.4. Conditions to avoid	Avoid exposure to direct sunlight, excessive heat and incompatible products as these may affect the stability of the media.
10.5 Incompatible materials	None known based on available data.
10.6 Hazardous decomposition products	None known based on available data.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties	No known/suspected endocrine disruptors.
Other information	No data available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity	No data available.
12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	No data available.
12.6 Endocrine disrupting properties	No known/suspected endocrine disruptors.
12.7 Other adverse effects	No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of in accordance with local and national authority requirements.
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14. TRANSPORT INFORMATION

ARD/RID/IMO/IMDG/IATA/ICAO	This product is not classified as dangerous for carriage.
14.1 UN number or ID number	Not applicable.
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 Maritime transport in bulk according to IMO instruments

Not applicable.

15. REGULATORY INFORMATION

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annexes II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) 2019/521 of 27 March 2019 amending Annexes I-VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

15.2 Chemical safety assessment

None carried out.

16. OTHER INFORMATION

SDS No.

BMCODES

Revision date

30/12/2024

Revision number

7

Revision changes

Updated for compliance with EU 2019/521. Updated phrasing in header and sections 2, 3, 4, 11 & 15.

Previous revisions

6: Add Selenite Broth types to hazardous list HSE/REC/020B, MSDS unchanged (14/12/2023)

5: Phrasing updates to be compliant with EC 1907/2006. Update ROI emergency number to EU member states. Expanded pH range in section 9 (21/07/2023)

4: Updated for compliance with EU 2020/878. Added BM1333 to hazardous list (20B) (08/06/2023)

3: Added BM1678 Lysis Buffer to hazardous list (20B) (05/08/2020)

2: Added BM1675 to hazardous list (20B), updated logo (18/05/2020)

1: New document (10/12/2018)

Legend

ARD

European Agreement Concerning the International Carriage of Dangerous Goods by Road

IATA

International Air Transport Association

ICAO

International Civil Aviation Organization

IMDG

International Maritime Dangerous Goods Code

IMO

International Maritime Organization

RID

Regulations concerning the International Carriage of Dangerous Goods by Rail

UN

United Nations

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