according to Regulation (EC) No. 2015/830

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

1.1 Product identifiers

Product name (dehydrated media): Product name (ready to use media): Code number: Registration number: CAS number: Mueller-Hinton II Broth Mueller-Hinton II Broth MHC

<u>1.2 Relevant identified uses of the substance or mixture and uses advised against</u></u>

Recommended use:	Microbiological diagnostics
Uses advised against:	No information available

1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor:	BIOLAB Inc.
	H-1141 Budapest, Öv u. 43.
	Hungary
Telephone:	+36-1-221-9614
Fax:	+36-1-364-2006
E-mail:	<u>export@biolab.hu</u>

1.4 Emergency telephone number

Emergency telephone: Please contact the regional Authority in your country.

2. HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling in accordance with Regulation (EU) No. 1272/2008: Signal word: -Hazard Statements (H phrases): -Precautionary Statements (P phrases): -Pictograms: -

2.3 Other hazards

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS 3.1 Substances

3.2 Mixtures

It is not necessary to publish the components.

4. FIRST AID MEASUR	ES
4.1 Description of firs	t aid measures
General advice:	Consult a physician. Show the label and this safety data sheet to the doctor in attendance. Never administer anything orally to persons who are unconscious.

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After inhalation:	Remove the victim from exposure and move into open air. Consult a physician.
After skin contact:	Remove contaminated clothing. Flush the skin with water, then wash thoroughly with soap and water.
After eyes contact:	Rinse out eyes with plenty of clean and cold water while pulling eyelids up, and seek medical assistance.
After ingestion:	Rinse the mouth with water and seek immediate medical attention. Never administer anything orally to persons who are unconscious. Never induce vomiting.

4.2 Most important symptoms and effect, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed No information available

No information available

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Use water spray, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

In case of fire: Carbon-oxides, nitrogen oxides. Thermal decomposition can lead to release of irritating gases and vapore.

5.3 Advice for fire-fighters

Wear self contained breathing equipment for firefighting.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid generation of dusts; do not inhale dusts. Provide appropriate exhaust ventilation. Use personal protective clothing.

6.2 Environmental precautions

Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up

Take up dry. Keep in suitable, closed containers for disposal. Clean up affected area.

6.4 Reference to other sections

Refer to protective measures listed in Section 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special requirement.

Avoid direct contact with the material, spillage, ingestion, eye and skin contact, inhalation. No eating and smoking during working. In the application area, smoking, eating and drinking must be prohibited. Bathing facilities with hot water, emergency douche and eye irrigator have to be ensured. Wash hands after working with the product.. Remove contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature.

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7.3 Specific end use(s)

Use in laboratories.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain substances with Professional Exposure Environmental Limit Values.

Exposure limits

Allowable workplace concentration (AK) (mg/m³):No information availableWorkplace peak concentration: (CK) mg/m³):No information availableBiological exposure:No information available

8.2 Exposure controls

General instructions

Avoid direct contact with the material, spillage, ingestion, eye and skin contact, inhalation. No eating and smoking during working. Bathing facilities with hot water, emergency douche and eye irrigator have to be ensured. Wash hands after working with the supplement. Remove contaminated clothing.

Personal protection:	Wear protection clothing, remove the contaminated chlothing.	
	Wash hands after working with the substance.	
Personal protection equipment:	respirator required (type P1) when dusts are generated	
Eye protection:	safety glasses are required	
Hand protection:	use disposable gloves (nitrile caoutchouc 0,11 mm,	
	breakthrough time 0,11 mm, breakthrough time > 480 min.),	
	and wash hands after working with this substance	

9. PHYSICAL AND CHEMICAL PROPERTIES 9.1 Information on basic physical and chemical properties Appearance (dehydrated medium): Homogeneous hygroscopic powder Colour (dehydrated medium): Yellowish Odor (dehydrated medium): No information available pH before autoclaving (25 °C): 7,4 approx. Appearance (ready to use medium): Broth Colour (ready to use medium): Yellowish Odor (ready to use medium): No information available pH (ready to use medium, 25 °C): 7.3 - 7.5 Water solubility: > 21 g/lOdor threshold: No information available Melting point/range: No information available Flash point: No information available **Evaporation rate:** No information available Flammability (solid, gas): No information available Flammability range: No information available Vapor pressure: No information available Vapor density: No information available **Relative density:** No information available Partition coefficient (n-octanol/water): No information available Autoignition temperature: No information available No information available Decomposition temperature: Viscosity: No information available **Explosive properties:** No information available **Oxidizing properties:** No information available

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9.2 Other information

No information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available

10.2 Chemical stability

Stable under the recommended handling and storage conditions (see section7).

10.3 Possibility of hazardous reactions

No information available

10.4 Conditions to avoid

Strong heating, in case of powdered media: risk of powder explosion.

10.5 Incompatible materials

No information available

10.6 Hazardous decomposition products

See details in section 5.

11. TOXICOLOGICAL INFORMATION 11.1 Information on toxicological effects

Skin irritation/corrosion:No information availableSerious eye damage/irritation:No information availableRespiratory or skin sensitization:No information availableGerm cell mutagenicity:No information availableCarcinogenicity:No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT - single exposure:No information availableSTOT - repeated exposure:No information available	THI MICHMUTCH ON CONCOLOGICAL	eneets
Serious eye damage/irritation:No information availableRespiratory or skin sensitization:No information availableGerm cell mutagenicity:No information availableCarcinogenicity:No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available	Acute toxicity:	No information available
Respiratory or skin sensitization:No information availableGerm cell mutagenicity:No information availableCarcinogenicity:No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available	Skin irritation/corrosion:	No information available
Germ cell mutagenicity:No information availableCarcinogenicity:No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available	Serious eye damage/irritation:	No information available
Carcinogenicity:No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available	Respiratory or skin sensitization:	No information available
than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available	Germ cell mutagenicity:	No information available
confirmed human carcinogen by IARC.Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available	Carcinogenicity:	No component of this product present at levels greater
Reproductive toxicity:No information availableSTOT – single exposure:No information availableSTOT – repeated exposure:No information available		than or equal to 0,1% is identified as probable, possible or
STOT – single exposure:No information availableSTOT – repeated exposure:No information available		confirmed human carcinogen by IARC.
STOT – repeated exposure: No information available	Reproductive toxicity:	No information available
	STOT – single exposure:	No information available
	STOT – repeated exposure:	No information available
Aspiration hazard: No information available	Aspiration hazard:	No information available

12. ECOLOGICAL INFORMATIONS

<u>12.1 Toxicity</u>

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

Do not dispose of the residue into water, sewage or soil.

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13. DISPOSAL CON				
13.1 Waste treatment methods				
Product: Residue is	s classified as hazardous.			
Contaminated pae substance itself.	c kaging: Handle contaminate	ed empty packaging in the same way as the		
Waste treatment r	regulations: Dispose of in acco	ordance with the European Directives on waste		
and hazardous was	te. Dispose of in accordance w	ith local regulations.		
14. TRANSPORT IN	NFORMATION			
<u>14.1 UN-number</u>				
ADR/RID: -	IMDG:-	IATA:-		
14.2 UN proper sh	<u> 1ipping name</u>			
ADR/RID:				
IMDG:	Not dangerous goods			
IATA:	6 6			
14.3 Transport ha	azard class(es)			
ADR/RID: no	IMDG: no	IATA: no		
14.4 Packaging				
ADR/RID: no	IMDG: no	IATA: no		
14.5 Environmental Hazards				
ADR/RID: no	IMDG: no	IATA: no		
14.6 Special preca	utions for user			
No special precauti	ons required			
14.7 Transport in	bulk according to Annex II of	of MARPOL and the IBC code		
Not applicable, pacl	kaged goods			

15. REGULATORY INFORMATION

<u>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</u>

Regulation (EC) No 1907/2006 (REACH) and 1272/2008 EK (CLP-GHS)

15.2 Chemical safety assessment

There has been no evaluation a chemical safety assessment of the product.

16. OTHER INFORMATION

Full text of H and P phrases: -

During recent review the Safety Data Sheet was revised completely.

The information in this Safety Data Sheet is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.

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