

# SAFETY DATA SHEET

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):	Bolton Broth Base
Product name (bottled and tubed media bases):	Bolton Broth Base
Product name (bottled and tubed complete media):	Bolton Broth
Code number:	BOB
Supplement (in reday to use media):	Campylobacter Selective Supplement, Bolton (CBS)
Registration number.:	-
CAS number:	-

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

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:	<a href="mailto:export@biolab.hu">export@biolab.hu</a>

### 1.4 Emergency telephone number

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

## 2. HAZARDS IDENTIFICATION

### DEHYDRATED MEDIA

#### Warning!

The hazards data below concern to the dehydrated form of the products only.

#### 2.1 Classification of substance or mixture

Classification according to Regulation (EU) (CLP)No. 1272/2008: The dehydrated medium is a hazard mixture.

Skin Sens. 1	H317
Eye Dam. 1	H318

#### 2.2 Label elements

Labelling in accordance with Regulation (EU) No. 1272/2008:

Signal word:	Danger
Hazard Statements (H phrases):	H317, H318
Precautionary Statements (P phrases):	P261, P280, P333+313, P305+351+338

Full text of H- and P-phrases mentioned above: see in section 16.

Pictograms:

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## READY TO USE MEDIA

### 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.

Harmful components according to Regulation (EU) No. 1272/2008

Components (dehydrated media)	Classification	Concentration (in dehydrated media)
Sodium metabisulphite		
CAS-No. 007681-57-4 EU-No. -	Acute Tox. Oral 4, Skin Sens. 1, Eye Irrit. 2; H302, H317, H319; P281, P305+351+338	0,56 %
$\alpha$ -Ketoglutaric acid		
CAS-No. 328-50-7 EU-No. -	Eye Dam. 1; H318; P305+351+338	3,6 %
Components (supplement)	Classification	Concentration (in ready to use media)
Cycloheximide		
CAS-No. 66-81-9 EU-No. 200-636-0	Acute Tox. Oral 1, Skin Irr. 2, Repr. Tox. 1B, Aquatic Chronic 2; H300, H341, H360d, H411; P201, P264, P301+310, P281, P308+313, P273	< 0,1 %
Cefoperazone		
CAS-No. 62893-20-3 EU-No. 263-751-5	Resp. Sens. 1, Skin Sens. 1; H317, H334; P261, P280, P342+311	< 0,1 %
Vancomycin		
CAS-No. 1404-93-9 EU-No. -	Skin Sens. 1; H317, H411; P260, P280, P302+352	< 0,1 %
Full text of the H and P phrases: see in section 16.		

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## 4. FIRST AID MEASURES

### **4.1 Description of first 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.
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

## 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.

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## **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 2-8 °C.

## **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/m<sup>3</sup>): No information available

Workplace peak concentration: (CK) mg/m<sup>3</sup>: No information available

Biological 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 clothing.  
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): Liquid

Colour (media bases): Yellowish

Colour (complete media): Dark red

Odor (ready to use medium): No information available

pH (ready to use medium, 25 °C): 7,3 – 7,5

Water solubility: > 28 g/l

Odor 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

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Decomposition temperature:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Oxidizing properties:	No information available

## **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 section 7).

### **10.3 Possibility of hazardous reactions**

No information available

### **10.4 Conditions to avoid**

No information available

### **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**

Acute toxicity:	No information available
Skin irritation/corrosion:	No information available
Serious eye damage/irritation:	No information available
Respiratory or skin sensitization:	No information available
Germ cell mutagenicity:	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 available
STOT – single exposure:	No information available
STOT – repeated exposure:	No information available
Aspiration hazard:	No information available

## **12. ECOLOGICAL INFORMATIONS**

### **12.1 Toxicity**

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**

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No information available

## 12.6. Other adverse effects

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

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product:** Residue is classified as hazardous.

**Contaminated packaging:** Handle contaminated empty packaging in the same way as the substance itself.

**Waste treatment regulations:** Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

ADR/RID: -

IMDG:-

IATA:-

### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3 Transport hazard 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 precautions for user

No special precautions required

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC code

Not applicable, packaged goods

## 15. REGULATORY INFORMATION

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

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:

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

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H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H341	Suspected of causing genetic defects.
H360d	May damage fertility or the unborn child.
H411	Toxic to aquatic life with long lasting effects.
P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313	IF exposed or concerned: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P342+311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

The changed section(s) of Safety Data Sheet: 1.1, 7.2, 9.1

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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