



VWR Canlab  
2103 64th Ave  
EDMONTON-ALBERTA AB T6P 1Z4  
KANADA

Lonza Walkersville Inc.  
Biggs Ford Rd. 8830  
Walkersville MD 21793-0127  
USA

09/29/2014

### **Material Safety Data Sheets / Safety Data Sheets of our Products**

Dear Sir or Madam

Please find enclosed our new Material Safety Data Sheets (MSDS) / Safety Data Sheets (SDS). MSDS/SDS are prepared in accordance with Title 29 of the Code of Federal Regulations (CFR) Hazard Communication 1910.1200 or REGULATION (EC) No 1907/2006 depending on the region of delivery.

Please pass these documents on to the person responsible for workplace health and safety and all persons involved in the handling of the products. Since these MSDS/SDS replace all previous ones, we ask that the older versions be archived accordingly.

Do not hesitate to contact us in case of any further questions or concerns regarding our MSDS/SDS. Please submit your inquiries to email: [msds.questions@lonza.com](mailto:msds.questions@lonza.com)

If you receive the safety data sheets by regular mail and wish to receive them by e-mail in the future, please send us the corresponding e-mail address to the following address:

[customermaster.us@lonza.com](mailto:customermaster.us@lonza.com)

Please include also the following reference:  
Customer number: 6018903

Sincerely,  
Lonza Inc.

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

EBM-2 BASAL MEDIUM

Version	1.3 / EN
Revision Date	23.06.2014
Print Date	29.09.2014

---

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name	: EBM-2 BASAL MEDIUM
Material number	: CC-3156

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

Use of the Substance/Mixture	: Scientific research and development
------------------------------	---------------------------------------

**1.3 Details of the supplier of the safety data sheet**

Company	: Lonza Ltd Muenchensteinerstrasse 38 CH-4002 Basel, Switzerland Telephone: +41 61 316 81 11
E-mail address	: prodinfo@lonza.com
Responsible/issuing person	

**1.4 Emergency telephone number**

Lonza Ltd, CH-4002 Basel, Switzerland  
Telephone: +41 61 313 94 94 (24h)

---

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

67/548/EEC / 1999/45/EC

According to present data no classification and labelling is required according to Directives 67/548/EEC or 1999/45/EC.

---

**EBM-2 BASAL MEDIUM****2.2 Label elements****Labelling according to EC Directives**

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

67/548/EEC / 1999/45/EC

According to present data no classification and labelling is required according to Directives 67/548/EEC or 1999/45/EC.

**2.3 Other hazards**

General advice : No information available.

---

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Substances / Mixtures : Mixture

**Hazardous components**

No dangerous ingredients according to Regulation (EC) No. 1907/2006

---

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- |              |   |  |
|--------------|---|--|
| Inhalation   | : | No special precautions required.   |
| Skin contact | : | Wash with water and soap as a precaution. If skin irritation persists, call a physician.   |
| Eye contact  | : | Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.   |
| Ingestion    | : | Immediately give large quantities of water to drink. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |
-

**EBM-2 BASAL MEDIUM****4.2 Most important symptoms and effects, both acute and delayed**

Symptoms : No information available.

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

Treatment : No information available.

---

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media : Water spray, Dry powder, Foam

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Heating or fire can release toxic gas.

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers.

---

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.

**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**6.4 Reference to other sections**

Additional advice : For personal protection see section 8.

---

EBM-2 BASAL MEDIUM

---

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Advice on safe handling : No special precautions required.
- Advice on protection against fire and explosion : Take precautionary measures against static discharges.

**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : No special storage conditions required.

**7.3 Specific end use(s)**

- Specific use(s) : No information available.
- 

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Engineering measures**

- Additional technical information on the plant : Avoid splashes.

**Personal protective equipment**

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : Suitable material : Nitrile rubber  
Break through time : > 480 min  
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
No special protective equipment required.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls**

- General advice : Prevent product from entering drains.
-

**EBM-2 BASAL MEDIUM**

---

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form	: Aqueous solution
Physical state	: liquid
Colour	: light red
Odour	: no data available
pH	: 7,6 - 8,0
Freezing point	: no data available
Boiling point/boiling range	: no data available
Flash point	: does not flash
Density	: no data available
Water solubility	: soluble

**9.2 Other information**

no data available

---

**SECTION 10: Stability and reactivity****10.1 Reactivity**

Stable under recommended storage conditions.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Stable under normal conditions.

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Strong oxidizing agents

---

**EBM-2 BASAL MEDIUM****10.6 Hazardous decomposition products**

No decomposition if stored normally.

---

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Additional advice : No data is available on the product itself.

---

**SECTION 12: Ecological information****12.1 Toxicity**

Toxicity to fish : no data available

**12.2 Persistence and degradability**

Biodegradability : no data available

**12.3 Bioaccumulative potential**

Bioaccumulation : no data available

**12.4 Mobility in soil**

Behaviour in environmental compartments : no data available

**12.5 Results of PBT and vPvB assessment**

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).  
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**12.6 Other adverse effects**

Additional advice : no data available

---

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : Can be disposed as waste water, when in compliance with local regulations.

---

EBM-2 BASAL MEDIUM

---

**SECTION 14: Transport information****IATA** Not dangerous goods

14.1 UN number : not applicable  
14.2 Proper shipping name : not applicable  
14.3 Transport hazard class : not applicable  
14.4 Packing group : not applicable  
14.5 Environmental hazards : no

**IMDG** Not dangerous goods

14.1 UN number : not applicable  
14.2 Proper shipping name : not applicable  
14.3 Transport hazard class : not applicable  
14.4 Packing group : not applicable  
14.5 Environmental hazards : Marine pollutant: no

**ADR** Not dangerous goods

14.1 UN number : not applicable  
14.2 Proper shipping name : not applicable  
14.3 Transport hazard class : not applicable  
14.4 Packing group : not applicable  
14.5 Environmental hazards : no

**RID** Not dangerous goods

14.1 UN number : not applicable  
14.2 Proper shipping name : not applicable  
14.3 Transport hazard class : not applicable  
14.4 Packing group : not applicable  
14.5 Environmental hazards : no

**DOT** : Not dangerous goods

14.1 UN number : not applicable  
14.2 Proper shipping name : not applicable  
14.3 Transport hazard class : not applicable  
14.4 Packing group : not applicable  
14.5 Environmental hazards : no

---



**EBM-2 BASAL MEDIUM**

<b>TDG</b>		: Not dangerous goods
<b>14.1 UN number</b>		: not applicable
<b>14.2 Proper shipping name</b>		: not applicable
<b>14.3 Transport hazard class</b>		: not applicable
<b>14.4 Packing group</b>		: not applicable
<b>14.5 Environmental hazards</b>		: no
<b>14.6 Special precautions for user</b>		: none
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>		: not applicable

---

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical Safety Assessment**

not required

---

**SECTION 16: Other information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

---