



# SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2021

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## SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION -----

<b>Product Name</b>	M63 Medium
<b>Product Code(s)</b>	SD7033
<b>Recommended Use</b>	For Laboratory Research Use Only Not for Human or Animal Drug Use
<b>Supplier</b>	Bio Basic Inc.
<b>Address</b>	20 Konrad Crescent, Markham, Ontario, Canada, L3R 8T4
<b>Telephone</b>	(905) 474 4493
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<b>For Chemical Emergency Phone#</b>	(416) 995 9730

## SECTION 2. ----- HAZARDS IDENTIFICATION -----

### **Classification of the substance or mixture**

Not a hazardous substance or mixture.

### **GHS Label elements, including precautionary statements**

Not a hazardous substance or mixture

**Hazards not otherwise classified (HNOC) or not covered by GHS - none**

## SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

### **Mixtures**

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of Hazardous Products Regulation (SOR/2015-17)

## SECTION 4. ----- FIRST-AID MEASURES -----

### **General information**

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

### **In case of inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

### **In case of skin contact**

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

### **After eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to

do. Continue rinsing.

#### **In case of ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Give nothing to eat or drink.

#### **Most important symptoms/effects, acute and delayed**

no data available

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

no data available

#### **Self-protection of the first aider**

First aider: Pay attention to self-protection!

#### **Information to physician**

no data available

### **SECTION 5. ----- FIRE FIGHTING MEASURES -----**

#### **Extinguishing media**

##### **Suitable extinguishing media**

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.

**Extinguishing media which must not be used for safety reasons** no restriction

#### **Specific hazards arising from the chemical**

In case of fire may be liberated:

Pyrolysis products, toxic

#### **Advice for firefighters**

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### **Additional information**

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use water spray/stream to protect personnel and to cool endangered containers.

In case of fire: Evacuate area.

### **SECTION 6. ----- ACCIDENTAL RELEASE MEASURES -----**

#### **Personal precautions, protective equipment and emergency procedures**

Avoid dust formation.

#### **Environmental precautions**

Do not allow to enter into surface water or drains.

#### **Methods and material for containment and cleaning up**

Spilled product must never be returned to the original container for recycling. Clean contaminated articles and floor according to the environmental legislation. Collect in closed and suitable containers for disposal.

#### **Additional information**

Clear spills immediately.

## **SECTION 7. ----- HANDLING AND STORAGE-----**

### **Precautions for safe handling**

All work processes must always be designed so that the following is as low as possible: Inhalation

skin contact

Eye contact

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

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

Recommended storage temperature: Store between 15 °C and 30 °C.

Keep container tightly closed and in a well-ventilated place. Keep/Store only in original container.

### **Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

## **SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----**

### **Control parameters**

Does not contain substances above concentration limits fixing an occupational exposure limit.

### **Engineering controls**

#### **Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### **Personal protection equipment (PPE)**

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

##### *Eye/face protection*

Eye glasses with side protection

##### *Skin protection*

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

##### *Respiratory protection*

Usually no personal respiratory protection necessary.

##### *Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

##### *Environmental exposure*

controls no data available

## **SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----**

### **Information on basic physical and chemical properties**

(a) Appearance	
Physical state:	solid
Color:	no data available
(b) Odour:	no data available
(c) Odour threshold:	no data available

**Safety relevant basic data**

(d) pH:	no data available
(e) Melting point/freezing point:	no data available
(f) Initial boiling point and boiling range:	no data available
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	no data available
(l) Vapour density:	no data available
(m) Relative density:	no data available
(n) Solubility(ies)	
Water solubility (g/L):	no data available
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	no data available
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

**Other information**

Bulk density:	no data available
Refraction index:	no data available
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

**SECTION 10. -----STABILITY AND REACTIVITY -----**

**Reactivity**

no data available

**Chemical stability**

The product is chemically stable under standard ambient conditions (room temperature) .

**Possibility of hazardous reactions**

no data available

**Conditions to avoid**

no data available

**Incompatible materials**

no data available

**Hazardous decomposition products**

no data available

**Additional information**

no data available

**SECTION 11. ----- TOXICOLOGICAL INFORMATION -----****Information on toxicological effects****Acute effects**

*Acute oral toxicity:*

no data available

*Acute dermal toxicity:*

no data available

*Acute inhalation toxicity:*

no data available

**Irritant and corrosive effects**

*Primary irritation to the*

*skin:* not applicable

*Irritation to eyes:*

not applicable

*Irritation to respiratory tract:*

not applicable

**Respiratory or skin sensitization**

In case of skin contact: not sensitising

In case of inhalation: not sensitising

**STOT-single**

**exposure** not

applicable

**STOT-repeated**

**exposure** not applicable

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

no data available	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

No indications of human germ cell mutagenicity exist.

**Reproductive toxicity**

No indications of human reproductive toxicity exist.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available

**Additional information**

no data available

**SECTION 12. ----- ECOLOGICAL INFORMATION -----****Ecotoxicity****Fish toxicity:**

no data available

**Daphnia toxicity:**

no data available

**Algae toxicity:**

no data available

**Bacteria toxicity:**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

Partition coefficient: n-octanol/water: no data available

**Mobility in soil:**

no data available

**Results of PBT/vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**Other adverse effects**

no data available

**SECTION 13. ----- DISPOSAL CONSIDERATIONS -----****Waste treatment methods****Appropriate disposal / Product**

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal. Waste code product: no data available

**Appropriate disposal / Package**

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

**Additional  
information** no data  
available

**SECTION 14. ----- TRANSPORT INFORMATION -----****Land transport (TDG)**

No dangerous good in sense of this transport regulation.

**Sea transport (IMDG)**

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of MARPOL 73/78 and  
the IBC Code not relevant

**Air transport (ICAO-TI / IATA-DGR)**

No dangerous good in sense of this transport regulation.

**SECTION 15. ----- REGULATORY INFORMATION -----**

This product has been classified in accordance with the hazard criteria of the Hazardous Products  
Regulations (HPR) and the SDS contains all the information required by the HPR.

**SECTION 16. ----- OTHER INFORMATION -----****Abbreviations and acronyms**

ACGIH - American Conference of Governmental Industrial

Hygienists DOT - Department of Transportation

IARC - International Agency for Research on Cancer

IATA-DGR - International Air Transport Association-Dangerous Goods

Regulations ICAO-TI - International Civil Aviation Organization-  
Technical Instructions

IMDG - International Maritime Code for Dangerous  
Goods LTV - Long Term Value

NIOSH - National Institute for Occupational Safety  
and Health NTP - National Toxicology Program

OSHA - Occupational Safety & Health

Administration PBT - Persistent,  
Bioaccumulative and Toxic

PEL - Permissible Exposure  
Limit STV - Short Term Value

SVHC - Substances of Very High  
Concern TDG - Transport of  
Dangerous Goods TLV - Threshold  
Limit Value

vPvB - very Persistent, very Bioaccumulative

Further information: no limited for paper copy, just for internal uses.

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**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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**End of SDS**