

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

Version 1.1 / EN

Revision Date 01.08.2020

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

Product name : Marrowgrow Medium

Product number : MGM-100 / MGM-500

**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 : Cytogen GmbH  
: Nordwalder Str. 120  
48268 Greven , Germany  
Tel.: +49 2571 560180  
Fax: +49 2571 9219118

E-mail address : info@cytogen.net  
Internet : www.cytogen.net

**1.4 Emergency telephone number**

Tel.: +49 2571 560180

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**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.

**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.

**2.3 Other hazards**

General advice : No information available.



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## **SECTION 3: Composition / information on ingredients**

### **3.2 Mixtures**

Substances / Mixtures : Mixture

#### **Hazardous components**

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

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## **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.

### **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.

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## **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.



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## **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.

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## **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. To maintain product quality, do not store in heat or direct sunlight.

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

Specific use(s) : No information available.

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## **SECTION 8: Exposure controls/personal protection**

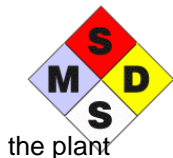
### **8.1 Control parameters**

Contains no substances with occupational exposure limit values.

### **8.2 Exposure controls**

#### **Engineering measures**

Additional technical information on : 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.

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## **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

- Form : Aqueous solution
- Physical state : liquid
- Colour : no data available
- Odour : no data available
- pH : 6,9 - 7,5
- 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**



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## **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.

### **10.6 Hazardous decomposition products**

No decomposition if stored normally.

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## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

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

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## **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 and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

#### 12.6 Other adverse effects

Additional advice : no data available

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### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

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

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### **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



<b>RID</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>DOT</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>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

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## **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

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## **SECTION 16: Other information**

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

### **WARRANTY**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only



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