

Safety Data Sheet

MarrowPrime 2

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 08.04.2024

Revision Date 08.04.2024

Version 000/04.2024

Replaces Version of -

Section 1 Identification of the substance/mixture and of the company/undertaking

Product identifiers

Product name: MarrowPrime 2 (Complete Medium for Bone Marrow Cells, sterile-filtered)

Catalogue No.: MP2-B (100 ml)

REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: Laboratory chemicals, Manufacture of substances
For research and development use only.
Not for therapeutic use. Not for use on human subjects.

Details of the supplier of the safety data sheet

Company: Capricorn Scientific GmbH

Auf der Lette 13 A
35085 Ebsdorfergrund
Germany

Phone: +49 6424 94464 0

E-Mail: info@capricorn-scientific.com

Website: www.capricorn-scientific.com

Emergency telephone number

Emergency Phone: +49 6424 94464 0 (on workdays, Mon. to Fri. from 8:00 – 16:00 h CET/CEST)

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Section 2 Hazards identification

Classification of the substance or mixture

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

Label elements

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

Other hazards

No data available.

Section 3 Composition/information on ingredients

Substances

Not relevant (mixture)

Mixtures

No components need to be disclosed to the applicable regulations. Not a hazardous substance or mixture according to Regulation (EC) No. 1907/2006.

Section 4 First aid measures

Description of first aid measures

| | |
|-------------------------------|---|
| General notes | Treat symptomatically. |
| Following skin contact | In case of contact, immediately wash skin with soap and copious amounts of water. If skin irradiation persists, please contact a physician. |
| Following eye contact | Immediately flush eyes with plenty of water. Remove contact lenses. If eye irritation persists, consult a specialist. |
| Following inhalation | No special precautions required. Consult a physician if necessary. |
| Following swallowing | Immediately drink a plenty of water. Contact physician. Never give anything by mouth to an unconscious person. |

Self-protection of the first aider

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 **Firefighting measures**

Suitable extinguishing media

Water spray, Carbon dioxide (CO₂), Dry chemicals, Foam.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective clothing. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special hazards arising from the substance or mixture

No hazardous combustions products are known.

Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

Further information

The product itself does not burn.

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Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and material for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

Reference to other sections

For disposal see section 13.

Section 7 Handling and storage

Precautions for safe handling

For precautions see section 2. No special handling advice are necessary.

Conditions for safe storage, including any incompatibilities

No special storage conditions required.

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

Components with workplace control parameters.

Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

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Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

| | |
|--|--|
| Respiratory protection | In case of insufficient ventilation wear respirators and components tested and approved under appropriated government standards. |
| Skin protection | No special protective equipment required. |
| Eye protection | Safety glasses with side-shields tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU). |
| Body protection | Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. |
| Environmental exposure controls | Handle in accordance with good industrial hygiene and safety practice. Prevent product from entering drains. |

Section 9 Physical and chemical properties

Information on basic physical and chemical properties

| | |
|--|-------------------|
| Appearance | Form: liquid |
| Odor | No data available |
| pH | 7.0 – 7.4 |
| Melting/freezing point | No data available |
| Boiling point and range | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability or exposure limits | No data available |
| Vapor pressure | No data available |
| Vapor density | No data available |
| Relative density | No data available |
| Water solubility | soluble |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidizing properties | No data available |

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Other information

No data available

Section 10 Stability and Reactivity

Reactivity

No data available

Chemical stability

The product is chemically stable under recommended conditions.

Possibility of hazardous reactions

No information available

Conditions to avoid

No information available

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

None under normal use conditions.

In the event of fire: see section 5.

Section 11 Toxicological information

Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Mutagenic effects

Specific target organ toxicity

Information on other hazards

no information available

no information available

no information available

no information available

no information available

no information available

no information available

no information available

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

Section 12 Ecological information

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

Ecotoxicity effects

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

No data available.

General comments on entries in Section 12 as a whole

Section 13 Disposal considerations

Waste treatment methods

Product

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of as unused product.

Product / Packaging disposal: Dispose of in accordance with local regulations.

Waste treatment-relevant information: Dispose of in accordance with local regulations.

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Sewage disposal-relevant information:

The product can be disposed of as wastewater in compliance with local regulations.

Other disposal recommendations: no information available

Section 14 Transport Information

In accordance with ADR / RID / IMDG / IATA

| ADR/RID | IMDG | IATA |
|---------------------------------|----------------------|---------------------|
| UN number | | |
| - | - | - |
| UN proper shipping name | | |
| Not dangerous goods | Not dangerous goods | Not dangerous goods |
| Transport hazard classes | | |
| - | - | - |
| Packaging group | | |
| - | - | - |
| Environmental hazards | | |
| no | Marine pollutant: no | no |

Special precautions for user

Maritime transport in bulk according to IMO instruments

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Section 15 Regulatory information

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

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.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product.