

Safety Data Sheet

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

Revision Date: 10-JUL-2025

Print Date: 10-JUL-2025

SECTION 1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifiers

Product name: MarrowAdvance™

Complete Karyotyping Medium for Peripheral Blood Lymphocytes

Cat. No.: MMA-001-100ML

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 registration, or the registration is envisaged for a later registration deadline.

1.1.1 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.

1.2 Details of the supplier of the safety data sheet

Company: Serana Europe GmbH

Dorfstrasse 17A

14641 Pessin

Germany

Phone: +49 (0)33237859253

E-Mail: info@serana-europe.com

1.3 Emergency telephone number

Emergency Phone: Regular Office Hours +49 8543 489 8740

SECTION 2 Hazards Identification

2.1 Classification of the substance or mixture

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

2.2 Label elements

The product is classified and labelled according to Regulation (EC) No. 1272/2008.

2.3. Other hazards

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.

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SECTION 3 Composition/Information on Ingredients

Chemical composition:

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4 First Aid Measures

4.2 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If breathing becomes difficult, contact a physician.

In case of skin contact

Wash off immediately with plenty of water. Contact physician.

In case of eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Contact physician.

If swallowed

Wash out mouth with water provided person is conscious. Contact physician. Never give anything by mouth to an unconscious person.

Note to physician

Treat symptomatically.

SECTION 5 Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, dry chemical powder, or appropriate foam.

5.2 Special hazards arising from the substance or mixture

Heating or fire can release toxic gases.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

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SECTION 6 Accidental Release Measures

6.1 Personal precautions

Use personal protective equipment.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods for cleaning up

Absorb spill and keep in suitable, closed containers for disposal. Wash area thoroughly after clean-up is complete.

SECTION 7 Handling and Storage

7.1 Handling

Avoid contact with skin and eyes. Wear personal protective equipment. Take measures against electrostatic charges.

7.2 Storage

Keep container tightly closed in a dry and well-ventilated place. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8 Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

8.1 Exposure limit

We are not aware of any national exposure limit.

8.2. Engineering measures

General industrial hygiene practice. Ensure adequate ventilation, especially in confined areas.

8.3. Personal protective equipment

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Ensure adequate ventilation, especially in confined areas. 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 suitable respiratory equipment.
Hand protection	Impervious gloves.
Eye protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection	Lightweight protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

8.4. Environmental exposure controls

Prevent product from entering drains.

SECTION 9 Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state at 20°C:	Liquid
Color:	Clear Amber to red
Odor:	Odorless
Water solubility:	Soluble
pH:	6.8 – 7.6

9.2. Important Health Safety and Environmental Information

Boiling point/range:	No data available.
Freezing Point:	No data available.
Flash point:	No data available.
Autoignition temperature:	No data available.
Oxidising properties:	No data available.

SECTION 10 Stability and Reactivity

10.1. Stability

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Stable under recommended storage conditions.

10.2. Materials to avoid

Strong oxidizing agents.

10.3. Hazardous decomposition

No data available.

10.4. Polymerisation

No data available.

10.5. Reactivity

No data available.

SECTION 11 Toxicological Information

11.1. Acute toxicity

No data available.

11.2. Principle Routes of Exposure/Potential Health effects

No data available.

Eyes	May cause eye irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Carcinogenic effects	IARC: 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.
Mutagenic effects	No data available.
Reproductive toxicity	No data available.
Sensitisation	No data available.
Target Organ Effects	No data available.

11.3 Signs and Symptoms of Exposure

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

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SECTION 12 Ecological Information

12.1. Exotoxicity effects

No data available.

12.2. Mobility

No data available.

12.3. Biodegradation

No data available.

12.4. Bioaccumulation

No data available.

12.5. 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).

SECTION 13 Disposal Considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations

SECTION 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: - IMDG: - IATA: -

14.4. Packaging group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

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ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6. Special precautions for user

No data available.

SECTION 15 Regulatory Information

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

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

No data available.

15.2. 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 with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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