



Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version	1.0 / EN
Revision date	-
Valid after	2026-10-20

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Trade name: *abberior* MOUNT SOLID
(article number: MM-2011-2X15ML)
REACH No: Product is a mixture.

1.2 Relevant identified uses and uses advised against

Mounting Medium for optical microscopy in biological and biomedical applications.
This product is sold for research and development purposes only and *must not* be used for any human or animal therapeutic, clinical diagnostic or other medical purpose. It is not intended for food, drug, household, agricultural, or cosmetic use.

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer / Distributor

Abberior GmbH

Street / PO Box

Hans-Adolf-Krebs-Weg 6

Country Code / Postal Code / City

DE – 37077 Göttingen, Germany

Contact for Technical Inquiries

info@abberior.com

Phone / Fax

+49 551 9995 4011 / +49 551 9995 4098

1.4 Emergency Telephone Numbers

Emergency Phone #: **0800 181 7059** (CHEMTREC Germany)
+49 (0)696 43508409 (CHEMTREC worldwide)

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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 Labelling Elements according Regulation (EC) No 1272/2008

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

2.3 Other Hazards

Other Classification 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.

Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

May form explosible dust-air mixture if dispersed.

3. Composition/Information on Ingredients

3.1 Substances

No components need to be disclosed according to the applicable regulations.

4. First Aid Measures

4.1 Description of First Aid Measures

General information: Consult a doctor. Show this safety data sheet to the attending physician.

Following Inhalation

Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory problems seek immediate medical attention.

Following Skin Contact

Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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Following Eye Contact

Remove contact lenses. Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

Following Ingestion

Rinse mouth. Call a doctor if you feel unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No known symptoms or effects.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

No special immediate treatment required.

5. Fire-Fighting Measures

5.1 Extinguishing Media

Suitable Fire Extinguishing Media: Carbon dioxide, alcohol resistant foam or dry extinguishing powder, water.

Unsuitable Fire Extinguishing Media: No known unsuitable media.

5.2 Special Hazards Arising from the Substance or Mixture

Nature of decomposition products not known. Combustible. Risk of dust explosion.

Development of hazardous combustion gases or vapours possible in the event of fire. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Hazardous combustion products in case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for Fire-Fighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

5.4 Further information

Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air. Prevent fire extinguishing water from contaminating surface water or the ground water system.

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6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Advice for non-emergency personnel: Avoid inhalation of dust. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

6.2 Environmental Precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 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 dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

6.4 Reference to Other Sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7. Handling and Storage

7.1 Precautions for Safe Handling

Provision of sufficient ventilation.

Information about safe handling

Wear appropriate personal protective equipment. Use only under a chemical fume hood. Keep away from heat/sparks/open flame/hot surfaces. Take measures to prevent the build-up of electrostatic charge. Ensure adequate exhaust ventilation, especially if dust, aerosol or fumes will be generated. Avoid contact with skin, eyes and clothing.

For precautions see section 2.2.

Protection Against Explosion and Fire

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures

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against static discharge.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after use. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

For precautions see section 2.2.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage conditions

Keep container tightly closed and upright. Store in a cool, dry and well-ventilated place. The product must not be stored together with pharmaceuticals, foods and feedstuff.

Storage Temperature

Store the reagent at 4 °C for short-term storage and at -20 °C for long-term storage.

Storage Class

Storage class (TRGS 510): 11: Combustible Solids.

Other Advice

No other specific advice available.

7.3 Specific End Use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. The products supplied are for research purposes only.

8. Exposure Controls / Personal Protection

8.1 Control Parameters

No data available.

8.2 Exposure Controls

Personal protective equipment

Respiratory Protection

Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases

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and vapours with a boiling point of $> 65^{\circ}\text{C}$, colour code: Brown).

Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type P1 The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Skin/Hand Protection

Wear appropriate protective clothing ensuring all skin is covered. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

Eye/Face Protection

Wear tightly fitting safety goggles which adhere to European standard EN 166. Ensure eye bath is to hand.

Hygiene Measures

Ensure hair or skin particles cannot enter the chemical container.

Environmental Exposure Controls

Keep away from drains, surface and ground water. Avoid discharge into the environment, see section 6.2.

9. Physical and Chemical Properties

9.1 Basic Physical and Chemical Properties

Appearance/State:	liquid
Colour	No data available.
Odour	No data available.
Melting Point / Freezing Point	No data available.
Initial Boiling point or Boiling range	No data available.
Flammability	No data available.
Upper / Lower Flammability or	No data available.
Explosion Limits	
Flash Point	No data available.

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Auto Ignition Temperature	No data available.
Decomposition Temperature	No data available.
pH	8.5
Viscosity	No data available.
Solubility	No data available.
Partition Coefficient	No data available.
Vapour Pressure	No data available.
Relative Density	No data available.
Vapour Density	No data available.
Refractive Index:	n = 1.38

9.2 Other Properties

No other properties available.

10. Stability and Reactivity

10.1 Reactivity

No known reactivity, based on information available.

If heated: Vapours may form explosive mixtures with air.

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

Hazardous reactions: None under normal storage conditions.

10.4 Conditions to Avoid

Heat, sparks, open flames, sources of ignition. Exposure to moisture.

10.5 Incompatible Materials

No data available.

10.6 Hazardous Decomposition Products

In the event of fire: see section 5.

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11. Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity

No data available.

Skin Corrosion/Irritation

No data available

Serious Eye Damage/Irritation

No data available

Respiratory or Skin Sensitisation

No data available

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity – single exposure

No data available

Specific Target Organ Toxicity – repeated exposure

No data available.

Aspiration Hazard

No data available

11.2 Additional Information

Endocrine Disrupting Properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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12. Ecological Information

12.1 Toxicity

No data available.

12.2 Persistence and Degradability

No data available

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

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) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other Adverse Effects

Avoid release to the environment.

13. Disposal Considerations

13.1 Waste Treatment Methods

Consult the appropriate local waste disposal expert about waste disposal.

Sewage disposal-relevant information: Do not empty into drains.

Waste treatment of containers/packaging: Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

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14. Transport Information

14.1 UN Number

ADR: -

IMDG: -

IATA: -

14.2 UN Proper Shipping Name

ADR: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3 Transport Hazard Class(es)

ADR: -

IMDG: -

IATA: -

14.4 Packaging Group

ADR: -

IMDG: -

IATA: -

14.5 Environmental Hazards

ADR: No.

IMDG: No.

IATA: No.

14.6 Special Precautions for User

See section 6 – 8. No additional Information available.

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Regulatory Information

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

National Legislation



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Water contaminating class (Germany): WGK 1, slightly hazardous to water - ID-Number 116

15.2 Chemical Safety Assessment

There is no chemical safety assessment available for this product.

16. Other Information

This product is intended for use only by persons with proper skills and at their own risk. It is the responsibility of the user to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. The recommendations given in this data sheet are based on prudent application of professional judgment. The information is given as a guide but shall not be taken as complete. As this product may pose unknown hazards it should be used with caution. Since Abberior GmbH cannot control the conditions of use of the product, it shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SAFETY DATA SHEET DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

Contact

Abberior GmbH
Hans-Adolf-Krebs-Weg 6
37077 Göttingen
Tel. +49 551 9995 4011
E-Mail: info@abberior.com

Internetseite

www.abberior.rocks