



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 ANTIFADE
(article number: MM-2013-2X15ML)

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)

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2 H319: Causes serious eye irritation.

2.2 Labelling Elements according Regulation (EC) No 1272/2008

Hazard Statements (H-phrases)

Labelling (REGULATION (EC) No 1272/2008)



Hazard pictograms:

Signal word:

Warning

Hazard statements:

H228 Flammable solid.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements: **Prevention:**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof equipment.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing and eye/face protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash with plenty of water and soap.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P321 Specific treatment (see Section 4 on this SDS).
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P370+P378 In case of fire: Use dry sand to extinguish.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container to hazardous waste disposal.

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 This substance/mixture contains no components considered to have endocrine disrupting properties for environment, according to REACH Article 57(f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

Toxicological Information This substance/mixture contains no components considered to have endocrine disrupting properties affecting human health, according to REACH Article 57(f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

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.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

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. Where Diphoterine is not available, rinse skin with copious amounts of water for at least 20 minutes.

Following Eye Contact

Remove contact lenses. Where Diphoterine is not available, rinse eyes with copious amounts of water for at least 20 minutes. Consult an ophthalmologist.

Following Ingestion

Where Diphoterine is not available, rinse mouth with copious amounts of water. Seek urgent medical advice.

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 chemical powder, water.

Unsuitable Fire Extinguishing Media: No known unsuitable media.

5.2 Special Hazards Arising from the Substance or Mixture

Thermal decomposition can lead to release of irritating gases and vapours.

5.3 Advice for Fire-Fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Keep personnel away from spill/leak.

For personal protection see section 8.

6.2 Environmental Precautions

Prevent further leakage if safe to do so. Prevent product from entering drains. Do not let product enter waterways or sewer systems. Discharge into the environment must be avoided.

6.3 Methods and Material for Containment and Cleaning up

Absorb the spilled material with an inert absorbent (e.g. sand, silica gel, rag, vermiculite) before transferring into an airtight container. Remove all sources of ignition. Dispose of appropriately according to local regulations.

6.4 Reference to Other Sections

Personal protective equipment: see section 8

Disposal: see section 13

7. Handling and Storage

7.1 Precautions for Safe Handling

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

Where possible, use anti-static and spark proof equipment when handling.

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.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

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

Engineering Measures

Use only under a chemical fume hood ensuring adequate ventilation, especially in confined areas. Use explosionproof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory Protection

Product should be handled in a fume cupboard with adequate extraction. No respiratory

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

equipment is needed under normal use conditions.

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.

Handle with impermeable gloves. Inspect gloves before use. Gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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

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.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

Explosion Limits

Flash Point	No data available.
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.



Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

10.6 Hazardous Decomposition Products

In the event of fire: see section 5.

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



Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

This substance/mixture contains no components considered to have endocrine disrupting properties affecting human health, according to REACH Article 57(f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

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

Waste material must be disposed of in accordance with the national and local regulations.
Do not let product enter drains.



Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

14. Transport Information

14.1 UN Number

ADR: 1325

IMDG: 1325

IATA: UN 1325

14.2 UN Proper Shipping Name

ADR: FLAMMABLE SOLID, ORGANIC, N.O.S.

IMDG: FLAMMABLE SOLID, ORGANIC, N.O.S.

IATA: FLAMMABLE SOLID, ORGANIC, N.O.S.

14.3 Transport Hazard Class(es)

ADR: 4.1

IMDG: 4.1

IATA: No data available.

14.4 Packaging Group

ADR: II

IMDG: II

IATA: II

14.5 Environmental Hazards

ADR: No data available.

IMDG: No data available.

IATA: No data available.

14.6 Special Precautions for User

See section 6 – 8. No 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.

Authorizations and Restrictions on Use



Safety Data Sheet

According to Regulation (EC) No 1907/2006

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII): Entry Number:3

National Legislation

Water contaminating class (Germany): WGK 1, slightly hazardous to water - ID-Number 4678
Classification according to AwSV §6(4)

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.

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