

Safety Data Sheet

in accordance with Regulation (EC) No. 1907/2006 (REACH)

in accordance with Regulation (EU) 2020/878

Version 2

Trade name: **Amylomer Care Fusion**

(Revised 17 Sept 2026)

SECTION 1: Identification of the substance or mixture and the company

1.1 Product identifier

Trade Name/designation

Amylomer Care Fusion

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

Use of the substance/mixture: Antistatic agent

1.3 Details of the supplier providing the safety data sheet

Supplier

Gräfe Chemie GmbH

Deichstraße 48-50

D-20459 Hamburg

Tel. +49 (0)40 7602638

Department providing information

Email (expert contact) info@graefe-naturchemie.de

1.4 Emergency number:

North Poison Control Center – University Medical Center Göttingen

Emergency number: +49 (0) 551 19240 (24 hours)

SECTION 2: Hazards identification

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The mixture is classified as non-hazardous within the meaning of Regulation (EC) No. 1272/2008 [CLP].

2.2 Labeling Elements

Labeling in accordance with Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Not applicable

Hazard statement

Not applicable

Hazard statements

Not applicable

Precautionary statements

Not applicable

Hazard-determining components for labeling

Not applicable

Supplementary hazard statements

Not applicable

2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

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Endocrine-Disrupting Properties

This product does not contain any substance that exhibits endocrine-disrupting properties in humans, as none of its ingredients meet the criteria.

SECTION 3: Composition / information on ingredients

3.1 Mixtures

Hazardous ingredients:

Not applicable

Note

Text of H- and EUH hazard statements: see Section 16.

SECTION 4: First aid measures

4.1 Description of First Aid Measures

General Information

If symptoms occur or in case of doubt, seek medical advice. If the person is unconscious but breathing, place them in the recovery position and seek medical advice.

After Inhalation

Move the affected person to fresh air and keep them warm and calm. If breathing is irregular or has stopped, begin artificial respiration.

After Skin Contact

Immediately remove soiled or saturated clothing. If the substance comes into contact with the skin, wash immediately with plenty of water and soap. Do not use solvents or thinners. Wash contaminated clothing before wearing it again.

After eye contact

Gently rinse with water for several minutes. Remove any contact lenses if possible. Continue rinsing. Seek medical attention immediately.

If swallowed

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep the person calm. Do not induce vomiting.

First-Aider's Personal Protection

First aider: Take precautions to protect yourself!

4.2 Most Important Acute and Delayed Symptoms and Effects

Symptoms

Seek medical advice if symptoms occur or in case of doubt.

4.3 Guidance on Immediate Medical Attention or Special Treatment

Basic first aid, decontamination, symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable extinguishing media

alcohol-resistant foam, carbon dioxide (CO₂), dry chemical, water spray

Unsuitable extinguishing media

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High-pressure water jet

5.2 Special hazards posed by the substance or mixture

Inhalation of hazardous decomposition products may cause serious health damage.

Hazardous combustion products

Carbon oxides (CO_x), Hydrogen halides, Nitrogen oxides (NO_x)

5.3 Firefighting Instructions

Have respiratory protection equipment ready. Cool closed containers near the source of the fire with water. Do not allow firefighting water to enter sewers, soil, or waterways.

SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Keep away from ignition sources. Ventilate the affected area. Do not inhale vapors.

6.2 Environmental Protection Measures

Do not allow to enter sewers or waterways. In case of contamination of rivers, lakes, or sewage systems, notify the appropriate authorities in accordance with local laws.

6.3 Methods and Materials for Containment and Cleanup

For Containment

Contain spilled material with a non-flammable absorbent (e.g., sand, soil, vermiculite, diatomaceous earth) and collect it in designated containers for disposal in accordance with local regulations (see Section 13).

For cleanup

Clean up with cleaning agents; do not use solvents.

6.4 Reference to other sections

Safe handling: see Section 7

Personal Protective Equipment: see Section 8

Disposal: see Section 13

SECTION 7: Handling and storage

7.1 Precautions for Safe Handling

Guidelines for Safe Handling

Avoid contact with skin, eyes, and clothing.

Personal protective equipment: see Section 8.

Always store in containers made of the same material as the original container.

Follow applicable legal safety and health regulations.

General industrial hygiene guidelines

Do not eat, drink, or smoke while working.

7.2 Requirements for Storage Areas and Containers

Store in accordance with the Industrial Safety Regulation. Keep containers tightly closed. No smoking. Unauthorized persons are prohibited from entering. Store containers upright and securely closed to prevent any leakage.

Storage Compatibility Guidelines

Keep away from strongly acidic and alkaline materials as well as oxidizing agents.

Storage Class - LGK12 - non-flammable liquids that do not fall into any of the aforementioned storage classes

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Additional Information on Storage Conditions

Keep containers tightly closed. No smoking. Unauthorized persons are prohibited from entering. Store containers upright and securely closed to prevent any leakage.

7.3 Specific End Uses

SECTION 8: Exposure controls/personal protection

8.1 Parameters to be monitored

Occupational Exposure Limits

No data available

Biological Limit Values

No data available

8.2 Exposure Control and Monitoring

Ensure adequate ventilation. This can be achieved through local or general exhaust ventilation. If this is insufficient to keep aerosol and solvent vapor concentrations below the occupational exposure limits, appropriate respiratory protection must be worn.

Personal Protective Equipment

Respiratory Protection

Observe the wearing time limits specified in the GefStoffV in conjunction with the rules for the use of respiratory protection equipment (DGUV-R 112-190). Use only respiratory protection equipment bearing the CE mark, including a four-digit test number.

Hand Protection

Suitable material: NBR (nitrile rubber)

Thickness of glove material ≥ 0.4 mm

Breakthrough time ≥ 480 min

It is recommended to verify the chemical resistance of the protective gloves listed above for specific applications with the glove manufacturer. Follow the protective glove manufacturer's instructions and information regarding use, storage, maintenance, and replacement. Penetration time of the glove material depends on the intensity and duration of skin exposure. Recommended glove brands: EN ISO 374.

Skin Protection

Protective creams can help protect exposed areas of the skin. Under no circumstances should they be applied after contact has occurred.

Eye/Face Protection

Glasses with side shields: DIN EN 166

Body protection

When handling chemical substances, only chemical-protective clothing bearing the CE mark and a four-digit test number may be worn. Wearing antistatic clothing, including footwear, is recommended.

Note

After contact, thoroughly clean affected skin areas with soap and water or use a suitable cleaning agent.

Limitation and Monitoring of Environmental Exposure

Do not allow the product to enter the sewer system or waterways. See Section 7. No further measures are required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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Physical state	liquid	
Color	slightly yellowish	
Odor	characteristic	
pH at 20 °C	4.3 – 6	
Melting point/freezing point	Not determined	
Initial boiling point / boiling range	100 °C; Source: Water	DIN 51751
Flash point	Not applicable	
Flammability	Not applicable	
Lower explosion limit at 20 °C	Not determined	
Upper explosion limit at 20 °C	Not determined	
Vapor pressure at 20 °C	15.9 mbar	
Relative vapor density	Not applicable	
Density at 20 °C	1.02 kg/l	
Water solubility at 20 °C	Fully miscible	
Partition coefficient n-octanol/water	See Section 12	
Flash point	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity at 40 °C	Not determined	
Dynamic viscosity at 20 °C	Not determined	
Particle properties	Not applicable	

9.2 Other Information

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific data regarding reactivity are available for this product or its ingredients.

10.2 Chemical Stability

Stable when stored and handled in accordance with the recommended guidelines. For more information on proper storage: see Section 7.

10.3 Possibility of Hazardous Reactions

No hazardous reactions are known.

10.4 Conditions to Avoid

No further relevant information available.

10.5 Incompatible Materials

No further relevant information available.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

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Acute toxicity

Based on the available data, the classification criteria are not met.

LD50: oral (Rat): > 2,000 mg/kg derived from Cytotoxicity test

Skin Corrosion/Irritation

OECD 439 - non-irritant.

Serious eye damage/irritation

OECD 437 non-irritant. 20 % Solution

Respiratory/skin sensitization

Based on the available data, the classification criteria are not met.

Overall assessment on CMR properties

Based on the available data, the classification criteria are not met.

Regulation (EC) No. 440/2008, Annex B.13/14 (Ames test) non-mutagenic

Specific target organ toxicity following a single exposure

Based on the available data, the classification criteria are not met.

Specific target organ toxicity following repeated exposure

Based on the available data, the classification criteria are not met.

Aspiration hazard

Based on the available data, the classification criteria are not met.

11.2 Information on Other Hazards

Endocrine-disrupting properties

This product does not contain any substance that exhibits endocrine-disrupting properties in humans, since no ingredient meets the criteria.

SECTION 12: Ecological information

12.1 Toxicity

Based on the available data, the classification criteria are not met.

Acute (short-term) toxicity to algae and cyanobacteria

EC50 (Desmodesmus subspicatus): > 100 mg/L (72 h); (OECD 201)

12.2 Persistence and Degradability

No information is available

12.3 Bioaccumulation Potential

No information is available

12.4 Mobility in Soil

No information is available

12.5 Results of the PBT and vPvB Assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

12.6 Endocrine-disrupting properties

This product does not contain any substance that exhibits endocrine-disrupting properties in non-target organisms, as no ingredient meets the criteria.

12.7 Other Adverse Effects

No information is available.

SECTION 13: Disposal considerations

13.1 Waste Treatment Methods

Disposal of the product/packaging

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Do not allow to enter the sewer system; waste and containers must be disposed of in a safe manner. Dispose of in accordance with Directive 2008/98/EC on waste and hazardous waste.

Waste codes/waste designations according to EAK/AVV

The assignment of waste code numbers/waste designations must be carried out in accordance with EAKV on an industry- and process-specific basis.

Other Disposal Recommendations

Uncontaminated and completely emptied packaging may be recycled. Containers that have not been properly emptied are classified as hazardous waste.

SECTION 14: Transport information

14.1 UN Number or ID Number

Not applicable

14.2 Proper UN shipping name

Land Transport (ADR/RID)

Not a hazardous material as defined by these transport regulations.

Marine transport (IMDG)

Not a hazardous material as defined by these transport regulations.

Air transport (ICAO-TI / IATA-DGR)

Not a dangerous good as defined by these transport regulations.

14.3 Transport hazard classes Not applicable

14.4 Packaging group Not applicable

14.5 Environmental hazards

Land transport (ADR/RID) Not applicable

Marine transport (IMDG) Not applicable

14.6 Special Precautions for Users

Always transport in closed, upright, and secure containers. Ensure that persons transporting the product know what to do in the event of an accident or spill. For safe handling instructions, see Sections 6–8.

14.7 Transportation of bulk cargo by sea in accordance with IMO instruments

Not to be transported as bulk cargo in accordance with the IBC Code.

14.8 Additional Information

Land transport (ADR/RID)

Not applicable

Marine transport (IMDG)

Not applicable

Air transport (ICAO-TI / IATA-DGR)

Not applicable

SECTION 15: Regulatory information

15.1 Regulations on safety, health, and environmental protection/specific regulations for the substance or mixture

EU Regulations

Authorisations and/or restrictions on use

Guidelines on Work Restrictions

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, as applicable.

Observe the employment restrictions set forth in the Youth Employment Protection Act (94/33/EC) or stricter national provisions, as applicable.

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Directive 2010/75/EU on Industrial Emissions (Industrial Emissions Directive)

VOC content: 0 g/l

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (Seveso III Directive)

Hazard Categories / Specifically Named Hazardous Substances

This product is not classified in accordance with Directive 2012/18/EU.

Regulation (EU) 649/2012 (PIC)

None of the ingredients is listed.

Regulation (EC) 2019/1021 [POP Regulation]

None of the ingredients is listed.

National regulations

National regulations must also be observed!

Water Hazard Class

Significantly hazardous to water (WGK 2)

Occupational Safety and Health Association Regulations (DGUV Regulations)

DGUV Rule 112-190 "Use of Respiratory Protective Equipment"

DGUV Rule 112-192 "Use of Eye and Face Protection"

DGUV Rule 112-195 "Use of Protective Gloves"

15.2 Chemical Safety Assessment

No chemical safety assessments have been conducted for the substances in this mixture.

SECTION 16: Other information

List of relevant hazard statements and/or safety statements from Sections 2 through 15

Not applicable

Classification of mixtures and assessment method used in accordance with Regulation (EC) No. 1272/2008 [CLP]

Not applicable

Important references and data sources

Information is derived from reference works and the literature.

Abbreviations and Acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

AGW: Occupational Exposure Limit

BGW: Biological limit values

CAS: Chemical Abstracts Service

CLP: Classification, Labeling, and Packaging

CMR: Carcinogenic, mutagenic, and/or toxic to reproduction

DIN: German Institute for Standardization / Standard of the German Institute for Standardization

DNEL: Derived No-Effect Level

EAKV: Regulation on the Introduction of the European Waste Catalog

EC: Effective concentration

EC: European Community

EN: European Standard

EU/EEC: European Economic Area

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

ICAO-TI: Technical Instructions of the International Civil Aviation Organization (ICAO) on the Transport of Dangerous Goods by Air

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IMDG Code: International Maritime Dangerous Goods Code

ISO: International Organization for Standardization

LC: Lethal Concentration

LD: Lethal Dose

MAK: Maximum Allowable Concentration

MARPOL: International Convention for the Prevention of Pollution from Ships

OECD: Organization for Economic Cooperation and Development

PBT: Persistent, Bioaccumulative, Toxic

PNEC: Predicted No-Effect Concentration

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

REACH: Registration, Evaluation, Authorization, and Restriction of Chemicals

UN: United Nations

VOC: Volatile Organic Compounds

vPvB: Very Persistent and Very Bioaccumulative

Notes on Changes

* Data has been updated from the previous version.

replaces version: 1.0

replaces revision of: 18 Jun 2026

The information in this Safety Data Sheet reflects our current state of knowledge as well as national and EU regulations. The product may not be used for any purpose other than that specified in Section 1 without written authorization. It is always the user's responsibility to take all necessary measures to comply with the requirements set forth in local rules and laws. The information in this safety data sheet describes the safety requirements of our product and does not constitute a warranty of product properties.