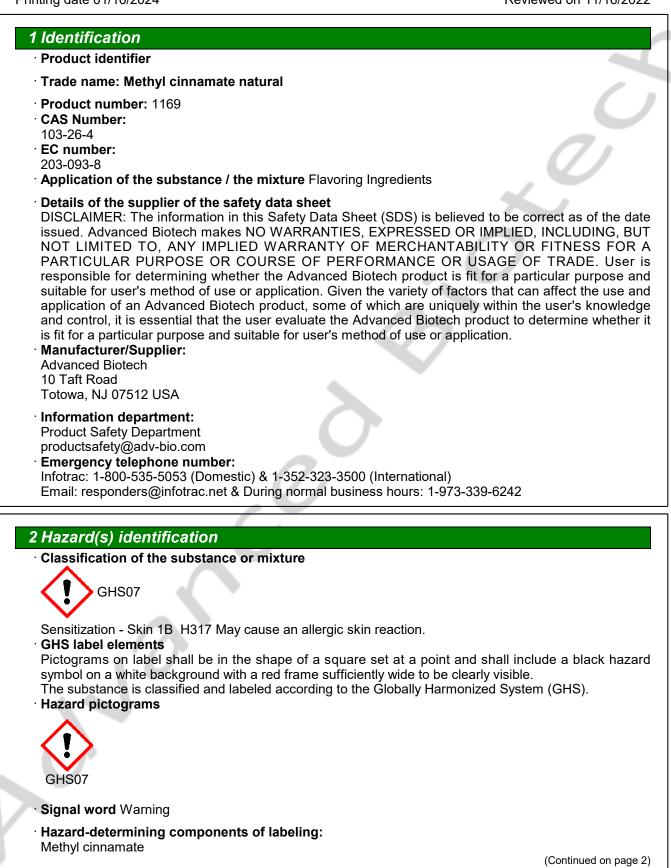


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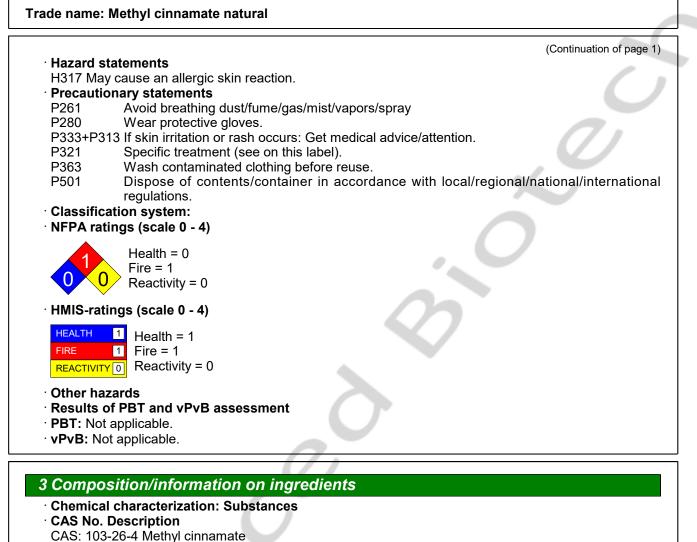
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Safety Data Sheet acc. to OSHA HCS (29 CFR § 1910.1200)

- · Identification number(s)
- EC number: 203-093-8

4 First-aid measures

· Description of first aid measures

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

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5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:
- CO2, powder or alcoholresistant foam.

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.

- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.
- Additional information
 Cool endangered receptacles with water spray.
 Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.

- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Dispose contaminated material as waste according to section 13.
- Ensure adequate ventilation.
- · Reference to other sections
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.
- Protective Action Criteria for Chemicals
- · PAC-1:

Substance is not listed.

· PAC-2:

Substance is not listed.

· PAC-3:

Substance is not listed.

7 Handling and storage

- · Handling:
- · Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.

Please refer to the product specification and/or Certificate of Analysis for product storage requirements. Information about storage in one common storage facility: Not required.

- · Further information about storage conditions: None.
- Specific end use(s) No further relevant information available.

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8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see section 7.

- Control parameters
- · Components with limit values that require monitoring at the workplace: Not required.
- · Additional information: The lists that were valid during the creation were used as a basis.
- · Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures: Wash hands before breaks and at the end of work. • Breathing equipment:
- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material should be based on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

• Eye protection: Not required.

| Information on basic physical and | chemical properties | |
|-----------------------------------|------------------------------------|--|
| General Information | Molecular Weight: 162.19 g/mol | |
| Appearance: | | |
| Form: | Crystalline | |
| Color: | According to product specification | |
| Odor: | According to product specification | |
| Odor threshold: | Not determined. | |
| pH-value: | Not applicable. | |
| Change in condition | | |
| Melting point/Melting range: | 34.5-36.5 °C (94.1-97.7 °F) | |
| Boiling point/Boiling range: | 262 °C (503.6 °F) | |
| Flash point: | 121 °C (249.8 °F) | |
| Flammability (solid, gaseous): | Product is not flammable. | |
| Decomposition temperature: | Not determined. | |



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| | (Continuation of page | |
|-------------------------------------|---|--|
| Ignition temperature: | Not determined. | |
| Danger of explosion: | Product does not present an explosion hazard. | |
| Explosion limits: | | |
| Lower: | Not determined. | |
| Upper: | Not determined. | |
| Vapor pressure: | Not applicable. | |
| Density at 20 °C (68 °F): | 1.09 g/cm³ (9.09605 lbs/gal) | |
| Relative density | Not determined. | |
| Vapor density | Not applicable. | |
| Evaporation rate | Not applicable. | |
| Solubility in / Miscibility with | | |
| Water: | Insoluble. | |
| Partition coefficient (n-octanol/wa | ter): Not determined. | |
| Viscosity: | | |
| Dynamic: | Not applicable. | |
| Kinematic: | Not applicable. | |
| VOC content: | 0.00 % | |
| Solids content: | 100.0 % | |
| Other information | No further relevant information available. | |

10 Stability and reactivity

· Reactivity No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- · LD/LC50 values that are relevant for classification:

CAS: 103-26-4 Methyl cinnamate

Oral LD50 2,610 mg/kg (ATE)

2,610 mg/kg (rat)

Primary irritant effect:

- on the skin: No irritant effect.
- on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.

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- Additional toxicological information:
- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)
- Substance is not listed.
- · NTP (National Toxicology Program)
- Substance is not listed.
- · OSHA-Ca (Occupational Safety & Health Administration)
- Substance is not listed.

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:
- Water hazard class 1 (Assessment by list): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

| · UN-Number | | |
|---------------------------|---------------|--|
| · DOT, ADN, IMDG, IATA | Not Regulated | |
| · UN proper shipping name | | |
| DOT, ADN, IMDG, IATA | Not Regulated | |



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| | (Continuation of pag |
|---|--|
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA · Class | Not Regulated |
| Packing group DOT, IMDG, IATA | Not Regulated |
| Environmental hazards: Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| • Transport in bulk according to Anne MARPOL73/78 and the IBC Code | ex II of Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Not Regulated |

15 Regulatory information

| Section 355 (extremely hazardous substances): | |
|---|--|
| Substance is not listed. | |
| · Section 313 (Specific toxic chemical listings): | |
| Substance is not listed. | |
| · TSCA (Toxic Substances Control Act): | |
| ACTIVE | |
| · Hazardous Air Pollutants | |
| Substance is not listed. | |
| · Proposition 65 | |
| · Chemicals known to cause cancer: | |
| Substance is not listed. | |
| · Chemicals known to cause reproductive toxicity for females: | |
| Substance is not listed. | |
| · Chemicals known to cause reproductive toxicity for males: | |
| Substance is not listed. | |
| · Chemicals known to cause developmental toxicity: | |
| Substance is not listed. | |
| · Carcinogenic categories | |
| · EPA (Environmental Protection Agency) | |
| Substance is not listed. | |
| · TLV (Threshold Limit Value) | |
| Substance is not listed. | |

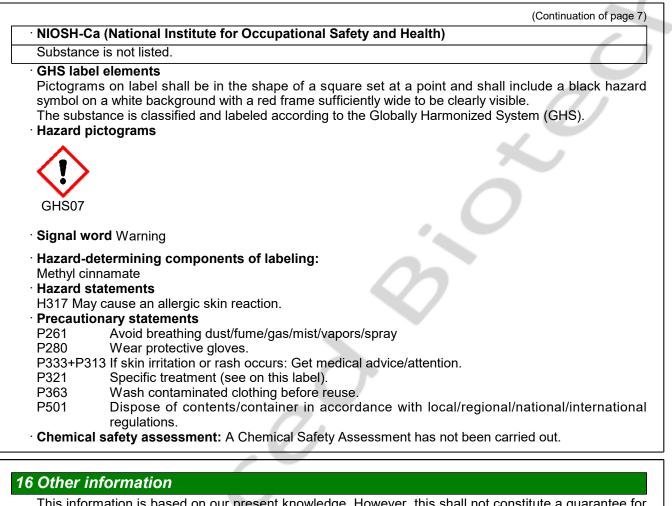
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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: Product Safety Department
- · Contact:

Product Safety Department productsafety@adv-bio.com

- · Date of preparation / last revision 01/16/2024
- · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

- DOT: US Department of Transportation
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- **OSHA: Occupational Safety & Health**

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TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit Sensitization - Skin 1B: Skin sensitisation – Category 1B