

1694304

Reviewed on: 12.17.2025
Printing date: 12.17.2025

01 Identification

1.1 Product identifier

- Trade name:
Benzoin Siam Artessence - BIOLANDES
- Article number:
E0461

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

- Application of the substance / the preparation
Perfume ingredient
Only for industrial use

1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:
EDEN BOTANICALS
3820 Cypress Dr. #12
Petaluma, CA 94954
USA
Phone : +1-707-509-0041
email : fds@biolandes.com

- 1.4 Emergency telephone number:
FR-ORFILA (INRS):+33(0)1 45 42 59 59

02 Hazard(s) identification

2.1 Classification of the substance or mixture



GHS05

- * Eye damage 1 - H318 Causes serious eye damage.



GHS08

- * Specific target organ toxicity (repeated exposure) 1 - H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.



GHS07

- * Skin irritation 2 - H315 Causes skin irritation.
- * Aquatic Acute 3 - H402 Harmful to aquatic life.

2.2 Label elements

- GHS label elements
- Hazard pictograms



GHS05 GHS08

- Signal word
Danger
- Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.
H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
H402 Harmful to aquatic life.
- Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.

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P302+P352 If on skin: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

03 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

- Description:
Mixture

- Dangerous components:

CAS Number		%
65-85-0	BENZOIC ACID EC Number: 200-618-2	20,001-50,00
8050-15-5	hercolyn EC Number: 232-476-2	5,001-10,00
621-82-9	cinnamic acid EC Number: 210-708-3	1,001- 5,000
121-33-5	vanilline EC Number: 204-465-2	1,001- 5,000
122-97-4	3-phenyl-1-propanol EC Number: 204-587-6	1,001- 5,000
103-26-4	cinnamate de methyle EC Number: 203-093-8	0,101-1,000
120-51-4	BENZYL BENZOATE EC Number: 204-402-9	0,101-1,000
103-41-3	BENZYL CINNAMATE EC Number: 203-109-3	0,101-1,000

04 First-aid measures

- General information:
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Seek immediate medical advice.
- After inhalation:
Supply fresh air and to be sure call for a doctor.
- After skin contact:
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
Seek immediate medical advice.

05 Fire-fighting measures

- Suitable extinguishing agents:
CO2, sand, extinguishing powder. Do not use water.
Use fire fighting measures that suit the environment.
 - For safety reasons unsuitable extinguishing agents:
Water with full jet
- 5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
- Protective equipment:
Mount respiratory protective device.
Do not inhale explosion gases or combustion gases.
 - Additional information
Cool endangered receptacles with water spray.

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06 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 - Mount respiratory protective device.
 - Wear protective equipment. Keep unprotected persons away.
 - Ensure adequate ventilation
 - Keep away from ignition sources
- 6.3 Methods and material for containment and cleaning up:
 - Dispose contaminated material as waste according to item 13.
 - Ensure adequate ventilation.
- 6.4 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.

07 Handling and storage

- Handling:
 - 7.1 Precautions for safe handling
 - Keep receptacles tightly sealed.
 - Keep away from heat and direct sunlight.
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Handle with care. Avoid jolting, friction and impact.
 - Information about protection against explosions and fires:
 - Keep ignition sources away - Do not smoke.
 - Protect against electrostatic charges.
- Storage:
 - Requirements to be met by storerooms and receptacles:
 - Store only in the original receptacle.
 - Use only receptacles specifically permitted for this substance/ product.
 - Further information about storage conditions:
 - Keep receptacle tightly sealed.
 - Protect from heat and direct sunlight.
 - Store receptacle in a well ventilated area.
- 7.3 Specific end use(s)
 - No further relevant information available.

08 Exposure controls/personal protection

- Components with limit values that require monitoring at the workplace:
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- CAS No. Designation of material % Type Value Unit
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
 - The lists that were valid during the creation were used as basis.
- Personal protective equipment:
 - General protective and hygienic measures:
 - The usual precautionary measures for handling chemicals should be followed.
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing.
 - Wash hands before breaks and at the end of work.
 - Store protective clothing separately.
 - Do not inhale gases / fumes / aerosols.
 - Do not inhale dust / smoke / mist.
 - Avoid contact with the skin.
 - Avoid contact with the eyes.
 - Breathing equipment:
 - Use suitable respiratory protective device in case of insufficient ventilation.
 - 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

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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 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

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

- Eye protection:

Safety glasses
Safety glasses

09 Physical and chemical properties

General Information

Appearance:

Form: heterogeneous liquid

Color: white

Odor: balsamic

Odor threshold: Not determined.

Change in condition

Boiling point/Boiling range: Undetermined.

Flash point: > 100,0 °C NFT 60-103 CC

Flammability (solid, gaseous): Undetermined.

Auto igniting: Not determined.

Danger of explosion: Undetermined.

Vapor pressure: Not determined.

Density: Not determined.

Solubility in / Miscibility with

Water: Not determined.

Partition coefficient (n-octanol/water): Not determined.

Other information No further relevant information available.

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
Undetermined.
- Incompatible materials:
No further relevant information available.
- Hazardous decomposition products:
Undetermined.

11 Toxicological information

- Acute toxicity:
- LD/LC50 values that are relevant for classification:

ISO LD/LC

65-85-0

BENZOIC ACID

Oral, LD50: 2565 mg/kg (rat) (OECD SIDS 2001)

Dermal, LD50: >2000 mg/kg (Rabbit) (Opdyke 1973)

Inhalative, LC50/4h: >4,178 mg/l (rat) (Bayer AG 1990)

121-33-5

VANILLIN

Oral, LD50: 1580 mg/kg (rat) (Inouye, and al., 1988)

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Oral, LD50: 1000 mg/kg (mouse) (Taylor, and al., 1964)

122-97-4 3-phenyl-1-propanol

Oral, LD50: 2300 mg/kg (rat)
Dermal, LD50: 5000 mg/kg (Rabbit)

103-26-4 METHYL CINNAMATE

Oral, LD50: 2610 mg/kg (rat) (Bhatia and al., 2007)
Dermal, LD50: >5000 mg/kg (Rabbit) (Bhatia and al., 2007)

120-51-4 BENZYL BENZOATE

Oral, LD50: 1700 mg/kg (rat)
Oral, LD50: 3450 mg/kg (mouse) (Bier, 1979)
Dermal, LD50: 4000 mg/kg (Rabbit)

103-41-3 BENZYL CINNAMATE

Oral, LD50: 3280 mg/kg (rat) (Wolven 1972)

- Primary irritant effect:
- on the skin:

* **65-85-0 BENZOIC ACID**

Irritation of skin, OECD 404 DRAIZE: NOT CLASSIFIED (guinea pig) (OCDE SIDS 2001)

103-26-4 METHYL CINNAMATE

Irritation of skin, OECD 404 DRAIZE: NOT CLASSIFIED (Rabbit) (RIFM 1971)
Irritant to skin and mucous membranes.
Causes skin irritation.

- on the eye:

103-26-4 METHYL CINNAMATE

Irritation of eyes, OECD 405 DRAIZE: NOT CLASSIFIED (Rabbit) (RIRM 1971)
Strong irritant with the danger of severe eye injury.
Causes serious eye damage.

- Sensitization:

120-51-4 BENZYL BENZOATE

Sensitization, NESIL: 59000 ug/cm² (human being) (Standard IFRA)

- Subacute to chronic toxicity:

* **65-85-0 BENZOIC ACID**

Oral, NOAEL: >750 mg/kg (rat) (4 generation study, Kieckebush and Lang 1960)

121-33-5 VANILLIN

Oral, NOAEL: 1000 mg/kg (rat) (12 months Hagan and al., 1967)

- Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Corrosive
Irritant
Carcinogenic if inhaled.
- Specific target organ toxicity - single exposure
Not determined.
- Specific target organ toxicity - repeated exposure
Causes damage to organs through prolonged or repeated exposure.

12 Ecological information

- Aquatic toxicity:

* **65-85-0 BENZOIC ACID**
CE50/48h: >100 mg/l (daphnia) (pH 8,4 ; OECD SIDS 2001)
ErC50(0-72h): >1630 mg/l (algae) (pH 7 ; Bringmann and al., 1977)
96h-LC50: 47,3 mg/l (fish) (Buzzel and al., 1968)

- Persistence and degradability
No further relevant information available.
- Behavior in environmental systems:
Not determined.
- Bioaccumulative potential
No further relevant information available.
- Ecotoxicological effects:
Not determined.

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13 Disposal considerations

- Waste treatment methods
- Recommendation:
Must be specially treated adhering to official regulations.
- Uncleaned packagings:
- Recommendation:
Disposal must be made according to official regulations.

14 Transport information

- UN-Number

. DOT	Not classified
. ADR	Not classified
. IMDG	Not classified
. IATA	Not classified
- UN proper shipping name

. DOT	Not classified
. ADR	Not classified
. IMDG	Not classified
. IATA	Not classified
- Transport hazard class(es)

. DOT	
. Class	Not classified
. ADR	
. Class	Not classified
. IMDG	
. Class	Not classified
. IATA	
. Class	Not classified
- Packing group

. DOT	Not classified
. ADR	Not classified
. IMDG	Not classified
. IATA	Not classified
- Environmental hazards:
Not applicable.
- Special precautions for user
Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
Non-mandatory

16 Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof.

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Safety Data Sheet
according to 29 CFR 1910.1200

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The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document. The required information complies with US regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

- Training hints

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.

- Date of preparation / last revision
17.12.2025

- Abbreviations and acronyms:

IFRA: International Fragrance Association IOFI: International Organization of the Flavor Industry
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

- Sources

IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

- * Data compared to the previous version altered.