

MATERIAL SAFETY DATA SHEET

According to Regulation ST/SG/AC.10/30/UN GHS, Latest revision

58110401

Revision: 28/01/2019
 Printing date: 28/01/2019

01 Identification of the substance/mixture and of the company/undertaking

1. Product identifier
 - Trade name:
9124046 COCOMILK
2. Relevant identified uses of the substance or mixture and uses advised against
 - Application of the substance / the preparation
Aromatic ingredient(s). Industrial use only.
3. Details of the supplier of the safety data sheet
 - Manufacturer/Supplier:
CHARABOT
10 av. Yves Emmanuel BAUDOIN BP22070 06131 GRASSE CEDEX FRANCE
Tel: +33 (0)4 93 09 33 33 (8h-18h)
Fax: +33 (0)4 93 09 33 01
reach@charabot.fr
4. Further information obtainable from:

02 Hazards identification

1. Classification of the substance or mixture



GHS07

Skin Sens. 1 - H317 May cause an allergic skin reaction.

H316 Causes mild skin irritation.



GHS09

Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

H401 Toxic to aquatic life.

- Additional information:
Full text of H statements: see section 16

2. Label elements

- GHS label elements

- Hazard pictograms



GHS07



GHS09

- Signal word
Warning

- Hazard-determining components of labelling:
2-Hexyl-(E)-cinnamaldehyde / Coumarin / Hexyl salicylate / LILIAL (p-tert-Butyl-alpha-methylhydrocinnamic aldehyde)

- Hazard statements
H317 May cause an allergic skin reaction.
H316 Causes mild skin irritation.
H411 Toxic to aquatic life with long lasting effects.

- Precautionary statements
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.

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P280 Wear protective gloves.
 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

- Chemical characterization
- Dangerous components:

CAS Number		%
104-61-0	<i>gamma</i> -Nonalactone EC number: 203-219-1 Record number 01-2119959335-30-XXXX H316	5,00- 10,00
165184-98-5	2-Hexyl-(E)-cinnamaldehyde EC number: 639-566-4 Record number 01-2119533092-50-XXXX Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411; Acute Tox. 5 - H303, H316	5,00- 10,00
91-64-5	Coumarin EC number: 202-086-7 Acute Tox. 4 - H302, Skin Sens. 1B - H317; H402	1,00- 5,00
6259-76-3	Hexyl salicylate EC number: 228-408-6 Record number 01-2119638275-36-XXXX Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	1,00- 5,00
706-14-9	<i>gamma</i> -Decalactone EC number: 211-892-8 Record number 01-2119959334-32-XXXX H316	1,00- 5,00
106185-75-5	éthyl-4-(2,2,3-triméthyl-3-cyclopentène-1-yl)-2-butène-1-ol EC number: 701-12-2-3 Record number 01-2119529224-45-XXXX Eye Irrit. 2A - H319; Aquatic Chronic 2 - H411; H401	1,00- 5,00
80-54-6	LILIAL (p-tert-Butyl-alpha-methylhydrocinnamic aldehyde) EC number: 201-289-8 Record number 01-2119485965-18-XXXX Repr. 2 Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Repr. 2 - H361; H227, H401, Aquatic Chronic 3 - H412	1,00- 5,00
121-32-4	Ethyl vanillin EC number: 204-464-7 Record number 01-2119958961-24-XXXX Acute Tox. 5 - H303, Eye Irrit. 2B - H320, H402	1,00- 5,00

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120-57-0	Piperonal EC number: 204-409-7 Record number 01-2119983608-21-XXXX Skin Sens. 1B - H317; Acute Tox. 5 - H303, H401	1,00- 5,00
106-24-1	Geraniol EC number: 203-377-1 Record number 01-2119552430-49-XXXX Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Acute Tox. 5 - H303, H402	0,10- 1,00
106-25-2	Nerol EC number: 203-378-7 Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Acute Tox. 5 - H303, H401	0,10- 1,00

04 First aid measures

1. General information:
 - Seek immediate medical advice.
 - After inhalation:
 - Supply fresh air; consult doctor in case of complaints.
 - After skin contact:
 - Immediately wash with water and soap and rinse thoroughly.
 - After eye contact:
 - Rinse opened eye for several minutes under running water.
 - After swallowing:
 - If symptoms persist consult doctor.
2. 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.

05 Firefighting measures

1. Suitable extinguishing agents:
 - CO2, sand, extinguishing powder first. In the absence of any other means of extinguishing, water can be used as an extinguishing agent.
 - For safety reasons unsuitable extinguishing agents:
 - Non applicable
2. Special hazards arising from the substance or mixture
 - No further relevant information available.
3. Advice for firefighters
 - No specific advice

06 Accidental release measures

1. Personal precautions, protective equipment and emergency procedures
 - Wear protective equipment. Keep unprotected persons away.
2. Environmental precautions:
 - Do not allow to enter sewers/ surface or ground water.

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- 3. Methods and material for containment and cleaning up:
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose contaminated material as waste according to item 13.
- 4. Reference to other sections
 See Section 13 for disposal information.

07 Handling and storage

- 1. Handling:
 - Precautions for safe handling
 Avoid contact with skin and eyes Wear appropriate protective equipments (gloves, glasses ...)
 - Information about fire - and explosion protection:
 Keep ignition sources away - Do not smoke.
- 2. Storage:
 - Requirements to be met by storerooms and receptacles:
 Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC..)
 - Further information about storage conditions:
 None.
- Specific end use(s)
 No further relevant information available.

08 Exposure controls/personal protection

- Ingredients with limit values that require monitoring at the workplace:
- Additional information:
 The lists valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
 Avoid contact with the eyes and skin.
- Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands: Only use chemical-protective gloves with CE-labelling of category III.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- 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
- Body protection: Protective work clothing

09 Physical and chemical properties

General Information

Appearance:

Form:	Fluid
Odour:	Characteristic
pH-value:	Not determined.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	> 35 °C
Flash point:	>= 100 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	Undetermined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.

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Explosive properties:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Specific gravity	1,0040 - 1,0240 (20°C)
Solubility in / Miscibility with water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Additional information	Not applicable.

10 Stability and reactivity

1. Reactivity
No further relevant information available.
2. Chemical stability
Good stability at conditions of use mentioned in point 7 and 10
3. Possibility of hazardous reactions
Reacts with strong oxidising agents.
4. Conditions to avoid
Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.
5. Incompatible materials:
No further relevant information available.
6. Hazardous decomposition products:
No dangerous decomposition products known.

11 Toxicological information

1. Information on toxicological effects
This preparation has not been subjected to toxicological testing as such, but it is composed of substances with an established toxicological bibliography. Substances taken into account in determining the toxicological effects of this preparation are listed in Section 3.
 - Acute toxicity:
 - LD/LC50 values relevant for classification:
9124046 COCOMILK
 Oral, LD50 ETA UN: 7944,33 mg/kg

12 Ecological information

1. Toxicity
This preparation has not been subjected to ecotoxicological testing as such, but it is composed of substances with an established ecotoxicological bibliography. Substances taken into account in determining the ecotoxicological effects of this preparation are listed in Section 3.

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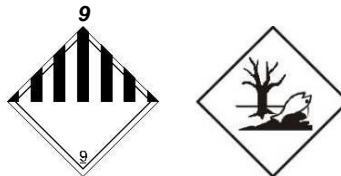
13 Disposal considerations

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

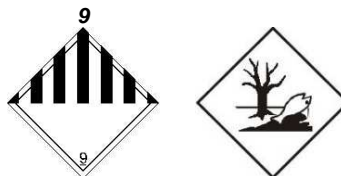
14 Transport information

- UN-Number
ADR UN3082
IMDG UN3082
IATA UN3082
- UN proper shipping name
ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-HEXYL-(E)- CINNAMALDEHYDE)
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-HEXYL-(E)- CINNAMALDEHYDE)
IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-HEXYL-(E)- CINNAMALDEHYDE)

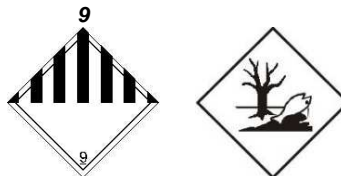
- Transport hazard class(es)
ADR
Class 9 (M6) Miscellaneous dangerous substances and articles.
Label



- IMDG**
Class 9 Miscellaneous dangerous substances and articles.
Label



- IATA**
Class 9 Miscellaneous dangerous substances and articles.
Label



- Packing group
ADR III
IMDG III
IATA III
- Environmental hazards:
Marine pollutant: Yes
- Special precautions for user
Warning: Miscellaneous dangerous substances and articles.
Danger code (Kemler): 90

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EMS Number: F-A,S-F

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

- Transport/Additional information:

Excepted quantities (EQ): E1

Limited quantities (LQ) 5L

Transport category 3

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) E1

- UN "Model Regulation":
 UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-HEXYL-(E)- CINNAMALDEHYDE), 9, III

15 Regulatory information

1. National regulations:

- Waterhazard class:
 Water hazard class 1 (Self-assessment): slightly hazardous for water.

2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 Other information

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.

1. Relevant phrases

- H227 Combustible liquid.
- H302 Harmful if swallowed.
- H303 May be harmful if swallowed.
- H315 Causes skin irritation.
- H316 Causes mild skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H320 Causes eye irritation.
- H361 Suspected of damaging fertility or the unborn child.
- H400 Very toxic to aquatic life.
- H401 Toxic to aquatic life.
- H402 Harmful to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

2. Department issuing MSDS:

Legislation / Regulatory Affair Department

3. Abbreviations and acronyms:

- 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
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent

4. Sources

IFRA/IOFI Labelling Manual

- * Data compared to the previous version altered.