

MATERIAL SAFETY DATA SHEET

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

58110601

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:
9124282POWDERY FLOWER
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.



GHS08

Repr. 2 - H361 Suspected of damaging fertility or the unborn child.

H316 Causes mild skin irritation.

H401 Toxic to aquatic life.

Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

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

2. Label elements
 - GHS label elements

- Hazard pictograms



GHS07



GHS08

- Signal word
Warning
- Hazard-determining components of labelling:
beta-Caryophyllene / LILIAL (p-tert-Butyl-alpha-methylhydrocinnamic aldehyde) / 2-Hexyl-(E)-cinnamaldehyde / VERTENEX (4-tert-Butylcyclohexyl acetate)
- Hazard statements
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H316 Causes mild skin irritation.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

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- Precautionary statements
 - P201 Obtain special instructions before use.
 - P202 Do not handle until all safety precautions have been read and understood.
 - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P272 Contaminated work clothing should not be allowed out of the workplace.
 - 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		%
84-66-2	Diethyl phthalate EC number: 201-550-6 Record number 01-2119486682-27-XXXX H316 H402	50,00- 75,00
87-44-5	beta-Caryophyllene EC number: 201-746-1 Asp. Tox. 1 - H304; Skin Sens. 1B - H317; H316	5,00- 10,00
60-12-8	Phenylethyl alcohol EC number: 200-456-2 Record number 01-2119963921-31-XXXX Acute Tox. 4 - H302, Eye Irrit. 2A - H319; Acute Tox. 5 - H313, H316	5,00- 10,00
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
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	1,00- 5,00
32210-23-4	VERTENEX (4-tert-Butylcyclohexyl acetate) EC number: 250-954-9 Record number 01-2119976286-24-XXXX Skin Sens. 1B - H317; Acute Tox. 5 - H303, H401	1,00- 5,00
118-58-1	Benzyl salicylate EC number: 204-262-9 Skin Sens. 1B - H317; Acute Tox. 5 - H303, Eye Irrit. 2B - H320, H401, Aquatic Chronic 3 - H412	1,00- 5,00
103-26-4	Methyl cinnamate EC number: 203-093-8 Record number 01-2119979458-16-XXXX	1,00- 5,00

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	<i>Skin Sens. 1B - H317; Acute Tox. 5 - H303</i>
8007-35-0	<i>Terpineol acetate (mixed isomers) 1,00- 5,00</i>
	<i>EC number: 232-357-5</i>
	<i>H316 H401</i>
105-87-3	<i>Geranyl acetate 0,10- 1,00</i>
	<i>EC number: 203-341-5</i>
	<i>Record number 01-2119973480-35-XXXX</i>
	<i>Skin Irrit. 2 - H315, Skin Sens. 1B - H317; H401, Aquatic Chronic 3 - H412</i>
54464-57-2	<i>ISO E SUPER (1-(1,2,3,4,5,6,7,8-Octahydro-2, 3,8,8 -naphthalenyl)ethanone)(OTNE) 0,10- 1,00</i>
	<i>EC number: 915-730-3</i>
	<i>Record number 01-2119489989-04-XXXX</i>
	<i>Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Chronic 1 - H410; H401</i>
106-24-1	<i>Geraniol 0,10- 1,00</i>
	<i>EC number: 203-377-1</i>
	<i>Record number 01-2119552430-49-XXXX</i>
	<i>Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Acute Tox. 5 - H303, H402</i>
106-25-2	<i>Nerol 0,10- 1,00</i>
	<i>EC number: 203-378-7</i>
	<i>Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Acute Tox. 5 - H303, H401</i>
142-92-7	<i>Hexyl acetate 0,10- 1,00</i>
	<i>EC number: 205-572-7</i>
	<i>Record number 01-2119976337-25-XXXX</i>
	<i>Flam. Liq. 3 - H226; H316, H401</i>
1222-05-5	<i>GALAXOLIDE (1,3,4,6,7,8-Hexahydro-4,6,6,7,8, 8-hexa methylcyclopenta-gamma-2-benzopyran) 0,10- 1,00</i>
	<i>EC number: 214-946-9</i>
	<i>Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410; H316</i>
97-54-1	<i>Isoeugenol 0,10- 1,00</i>
	<i>EC number: 202-590-7</i>
	<i>Acute Tox. 4 - H302, Acute Tox. 4 - H312, Skin Irrit. 2 - H315, Eye Irrit. 2A - H319, Skin Sens. 1A - H317; H401</i>
79-77-6	<i>trans-beta-Ionone 0,10- 1,00</i>
	<i>EC number: 201-224-3</i>
	<i>Record number 01-2119449921-34-XXXX</i>
	<i>Aquatic Chronic 2 - H411; H401</i>
88-41-5	<i>VERDOX (2-tert-Butylcyclohexyl acetate) 0,10- 1,00</i>
	<i>EC number: 201-828-7</i>
	<i>Record number 01-2119970713-33-XXXX</i>
	<i>H227 Acute Tox. 5 - H303, H316; Aquatic Chronic 2 - H411</i>
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25225-08-5 ***I-Cyclocitronellene formate*** (continued of page 3)
EC number: 246-735-2 **0,10- 1,00**
Record number 01-2119979543-25-0000
H227 H316; Aquatic Chronic 2 - H411;
H401

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.
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.

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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.
Explosive properties:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.

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Specific gravity	1,0470 - 1,0670 (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:
9124282POWDERY FLOWER
 Oral, LD50 ETA UN: 9037,59 mg/kg
 Dermal, LD50 ETA UN: 32292,44 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.

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.

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14 Transport information

- UN-Number
ADR Void
IMDG Void
IATA Void
- UN proper shipping name
ADR Void
IMDG Void
IATA Void
- Transport hazard class(es)
ADR
Class Void
IMDG
Class Void
IATA
Class Void
- Packing group
ADR Void
IMDG Void
IATA Void
- Environmental hazards:
 Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 Not applicable.

15 Regulatory information

1. National regulations:
- Waterhazard class:
 Water hazard class 2 (Self-assessment): 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

H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin.
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.

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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

LD50: Lethal dose, 50 percent

4. Sources

IFRA/IOFI Labelling Manual

- * Data compared to the previous version altered.