

MATERIAL SAFETY DATA SHEET

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

46427320

Revision: 10/02/2021
Printing date: 11/02/2021

01 Identification of the substance or mixture and of the supplier

1. Product identifier
 - Trade name:
MERLOT 9098424
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:
ROBERTET
37 avenue Sidi-Brahim BP 52100 F-06131 GRASSE CEDEX
Tel: +33 (0)4 93 09 33 33 (8h-18h)
Fax: +33 (0)4 93 09 33 01
legis@robertet.com
4. Further information obtainable from:
 - ORFILA (INRS)
 - Emergency telephone number:
+ 33 (0)1 45 42 59 59 (24h/24h ; 7/7)

02 Hazards identification

1. Classification of the substance or mixture



GHS07

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

H227 Combustible liquid.
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 / Ethyl methylphenylglycidate / Hydroxycitronellal

- Hazard statements
H317 May cause an allergic skin reaction.
H227 Combustible liquid.
H316 Causes mild skin irritation.
H411 Toxic to aquatic life with long lasting effects.

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- Precautionary statements
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P403 Store in a well-ventilated place.
- P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

03 Composition/information on ingredients

1. Chemical characterization
2. Dangerous components:

CAS Number		%
84-66-2	Diethyl phthalate EC number: 201-550-6 H316 H402	40,00- 50,00
20298-69-5	cis-2-tert-Butylcyclohexyl acetate EC number: 243-718-1 H227 Acute Tox. 5 - H303, H316; Aquatic Chronic 2 - H411; H401	5,00- 10,00
165184-98-5	2-Hexyl-(E)-cinnamaldehyde EC number: 639-566-4 Skin Sens. 1 - H317; Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411; Acute Tox. 5 - H303, H316	5,00- 10,00
77-83-8	Ethyl methylphenylglycidate EC number: 201-061-8 Skin Sens. 1 - H317; Aquatic Chronic 2 - H411; H401	5,00- 10,00
79-77-6	trans-beta-Ionone EC number: 201-224-3 Aquatic Chronic 2 - H411; H401	1,00- 5,00
3681-71-8	cis-3-Hexen-1-yl acetate EC number: 222-960-1 Flam. Liq. 3 - H226; H316	1,00- 5,00
104-61-0	gamma-Nonalactone EC number: 203-219-1 H316	1,00- 5,00
8013-90-9	Ionone (4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one) EC number: 907-706-6 Acute Tox. 5 - H303, H401, Aquatic Chronic 3 - H412	1,00- 5,00
120-51-4	Benzyl benzoate EC number: 204-402-9 Acute Tox. 4 - H302; Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411; Acute Tox. 5 - H313	1,00- 5,00
107-75-5	Hydroxycitronellal EC number: 203-518-7 Eye Irrit. 2A - H319, Skin Sens. 1 - H317; H402	1,00- 5,00

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123-92-2	isopentyl acetate EC number: 204-662-3 Flam. Liq. 3 - H226; H402	1,00- 5,00
71048-82-3	tr-delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one (E-delta-Damascone) EC number: 275-156-8 Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	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 Fire-fighting measures

1. Suitable extinguishing agents:
 - CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 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.
 - Ensure adequate ventilation.
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:
 Protect from heat and direct sunlight.
3. Specific end use(s)
 No further relevant information available.

08 Exposure controls/personal protection

1. Control parameters
 - Ingredients with limit values that require monitoring at the workplace:

84-66-2	Diethyl phthalate	40,00- 50,00 %
OEL		
	Short-term value	10 mg/m3
	Long-term value	5 mg/m3
123-92-2	isopentyl acetate	1,00- 5,00 %
OEL		
	Short-term value	525 mg/m3
		100 ppm
	Long-term value	262 mg/m3
		50 ppm
2. Exposure controls
 - 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:	91 °C
Flammability (solid, gas):	Not applicable.

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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.
Relative density	1,0300 - 1,0500 (20°C)
Vapour density	Not determined.
Evaporation rate	Not determined.
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.
Surface tension:	Not determined.

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
 - Acute toxicity
Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:
- * **MERLOT 9098424**
Oral, LD50 ETA UN: 13762,16 mg/kg
Dermal, LD50 ETA UN: 90571,51 mg/kg
- Skin corrosion / irritation
Causes mild skin irritation.
 - Serious eye damage / irritation
Based on available data, the classification criteria are not met.

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- Respiratory / skin sensitization
 May cause an allergic skin reaction.
- Germ cell mutagenicity
 Based on available data, the classification criteria are not met.
- Carcinogenicity
 Based on available data, the classification criteria are not met.
- Reproductive toxicity
 Based on available data, the classification criteria are not met.
- STOT single exposure
 Based on available data, the classification criteria are not met.
- STOT repeated exposure
 Based on available data, the classification criteria are not met.
- Aspiration hazard
 Based on available data, the classification criteria are not met.

12 Ecological information

1. Toxicity
 - Aquatic toxicity:
 Toxic to aquatic life.
2. Persistence and degradability
 Toxic to aquatic life with long lasting effects.
3. Behaviour in environmental systems:
 - Bioaccumulative potential
 Not available
 - Mobility in soil
 Not available

13 Disposal considerations

1. Waste treatment methods
 - Recommendation
 Must be specially treated adhering to official regulations.
2. 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. (CIS-2-TERT- BUTYLCYCLOHEXYL ACETATE)
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CIS-2-TERT- BUTYLCYCLOHEXYL ACETATE)
IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CIS-2-TERT- BUTYLCYCLOHEXYL ACETATE)

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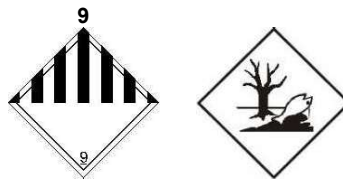
• Transport hazard class(es)

ADR

Class

9 (M6) Miscellaneous dangerous substances and articles.

Label

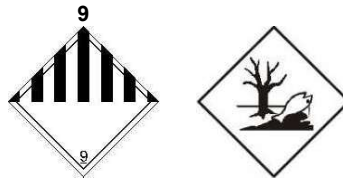


IMDG

Class

9 Miscellaneous dangerous substances and articles.

Label

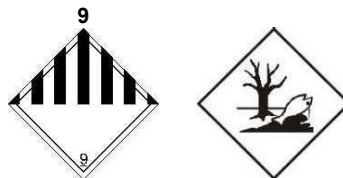


IATA

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

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. (CIS-2- TERT- BUTYLCYCLOHEXYL ACETATE), 9, III

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15 Regulatory information

1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 - National regulations:
 - Waterhazard class:
Water hazard class 3 (Self-assessment): extremely 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.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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
LD50: Lethal dose, 50 percent
SVHC: Substances of Very High Concern

4. Sources

RIFM Database
Suppliers Information
REACH registration dossier
IFRA/IOFI Labelling Manual

* Data compared to the previous version altered.