

MATERIAL SAFETY DATA SHEET

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

62760003

Revision: 12/02/2021
Printing date: 25/02/2021

01 Identification of the substance or mixture and of the supplier

1. Product identifier
 - Trade name:
CHARDONNAY 9098435
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



GHS08

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 - H315 Causes skin irritation.
Skin Sens. 1 - H317 May cause an allergic skin reaction.

H227 Combustible liquid.

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



GHS08



GHS07

- Signal word
Danger

- Hazard-determining components of labelling:
d-limonene ((R)-p-mentha-1,8-diène) / Ethyl methylphenylglycidate

- Hazard statements
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H227 Combustible liquid.

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H401 Toxic to aquatic life.
 H412 Harmful to aquatic life with long lasting effects.

- * - 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.
- P331 Do NOT induce vomiting.
- 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		%
5989-27-5	d-limonene ((R)-p-mentha-1,8-diène) EC number: 227-813-5 Asp. Tox. 1 - H304; Flam. Liq. 3 - H226; Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Aquatic Acute 1 - H400; Aquatic Chronic 3 - H412	10,00- 20,00
20298-69-5	cis-2-tert-Butylcyclohexyl acetate EC number: 243-718-1 H227 Acute Tox. 5 - H303, H316; Aquatic Chronic 2 - H411; H401	1,00- 5,00
105-54-4	Ethyl butyrate EC number: 203-306-4 Flam. Liq. 3 - H226; Eye Irrit. 2A - H319	1,00- 5,00
77-83-8	Ethyl methylphenylglycidate EC number: 201-061-8 Skin Sens. 1 - H317; Aquatic Chronic 2 - H411; H401	1,00- 5,00
39255-32-8	Ethyl 2-methylpentanoate EC number: 254-384-1 Flam. Liq. 3 - H226; H316	1,00- 5,00
123-35-3	Myrcene EC number: 204-622-5 Asp. Tox. 1 - H304; Flam. Liq. 3 - H226; Skin Irrit. 2 - H315, Eye Irrit. 2A - H319; Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411	0,10- 1,00
80-56-8	alpha-Pinene EC number: 201-291-9 Asp. Tox. 1 - H304; Flam. Liq. 3 - H226; Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	0,10- 1,00
10458-14-7	Menthone EC number: 233-944-9	0,10- 1,00

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Skin Irrit. 2 - H315, Skin Sens. 1 -
 H317; H227, Acute Tox. 5 - H303, H402

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

- 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.

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..)
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- 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
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:	>= 68 °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.
Relative density	0,8640 - 0,8840 (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.

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Surface tension: Not determined. *(continued of page 4)*

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:
CHARDONNAY 9098435
 Oral, LD50 ETA UN: 101204,33 mg/kg
- **Skin corrosion / irritation**
 Causes skin irritation.
 - **Serious eye damage / irritation**
 Based on available data, the classification criteria are not met.
 - **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**
 May be fatal if swallowed and enters airways.

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12 Ecological information

- 1. Toxicity
 - Aquatic toxicity:
Toxic to aquatic life.
- 2. Persistence and degradability
Harmful 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	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.

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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.
H304	May be fatal if swallowed and enters airways.
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.