

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

Version number: 89596102
Revision: 01.12.2025
Printing date: 01.12.2025

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

1. Product identifier
 - Trade name:
TUBEROSE & LILYFLOWER 024BA - ROBERTET
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.
 - Uses advised against
not applicable
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 40 33 66 (during normal opening times 8h-18h)
Fax: +33 (0)4 93 70 68 09
legis@robertet.com
 - Further information obtainable from:
ORFILA (INRS)
4. Emergency telephone number:
ORFILA (INRS): + 33 (0)1 45 42 59 59 Poison Control and Toxicovigilance Centers ANGERS: 02 41 48 21 21
BORDEAUX: 05 56 96 40 80 LILLE: 0800 59 59 59 LYON: 04 72 11 69 11 MARSEILLE: 04 91 75 25 25 NANCY: 03 83 22 50 50 PARIS: 01 40 05 48 48 STRASBOURG: 03 88 37 37 37, TOULOUSE: 05 61 77 74 47

02 Hazards identification

1. Classification of the substance or mixture

CON GHS05

Eye Dam. 1 - H318 Causes serious eye damage.

< I > GHS07 xz

Skin Irrit. 2 - H315 Causes skin irritation.

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



GHS08

Repr. 2 - H361 Suspected of damaging fertility or the unborn child.
H227 Combustible liquid.



GHS09

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

Aquatic Acute 2 - H401 Toxic to aquatic life.

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

2. Label elements • GHS
label elements

- Hazard pictograms

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GHS05 GHS07 GHS08 GHS09

- Signal word
Danger
- Hazard-determining components of labelling:
Geraniol / reaction mass Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol / cis-3 - Hexenyl salicylate / Benzyl salicylate
- Hazard statements
H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H411 Toxic to aquatic life with long lasting effects.
- Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
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

• Chemical characterization		
• Dangerous components:		
CAS Number		%
63500-71-0	Florol (Tetrahydro-2-isobutyl-4-methyl-pyran-4-ol) EC number: 405-040-6 Serious eye damage/irritation - Category 2A - H319	10,00- 20,00
106-24-1	Geraniol EC number: 203-377-1 Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Acute Tox. 5 - H303, Aquatic Acute 3 - H402	5,00-10,00
5502-75-0	reaction mass Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol Alternative CAS numbers: 13828-37-0 EC number: 939-719-8 Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Acute 2 - H401, Aquatic Chronic 3 - H412	5,00-10,00
65405-77-8	cis-3-Hexenyl salicylate EC number: 265-745-8 Repr. 2 Repr. 2 - H361; Aquatic Acute 1 - H400; Acute Tox. 5 - H303	5,00-10,00
118-58-1	Benzyl salicylate	1,00- 5,00

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6379-72-2	EC number: 204-262-9 Skin Sens. 1B - H317; Acute Tox. 5 - H303, Serious eye damage/irritation - Category 2B - H320, Aquatic Acute 2 - H401, Aquatic Chronic 3 - H412	1,00- 5,00
4602-84-0	4-trans-propenylveratrole Alternative CAS numbers: 93-16-3 EC number: 228-958-7 Skin Sens. 1B - H317; Acute Tox. 5 - H303, Aquatic Acute 3 - H402 Farnesol EC number: 225-004-1 Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 -H410	1,00- 5,00
5912-87-8	Isoeugenyl acetate trans Alternative CAS numbers: 93-29-8 EC number: 813-782-0 Acute Tox. 5 - H303, Aquatic Acute 2 - H401	1,00- 5,00
25152-85-6	cis-3-Hexenyl benzoate EC number: 246-669-4 Skin Sens. 1B - H317; Aquatic Chronic 2 - H411; Aquatic Acute 2 - H401	1,00- 5,00
134-20-3	Methyl anthranilate EC number: 205-132-4 Serious eye damage/irritation - Category 2A - H319; Acute Tox. 5 - H303, H316, Aquatic Acute 2 - H401	1,00- 5,00
78-70-6	3,7-Dimethylocta-1,6-dien-3-ol EC number: 201-134-4 Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A - H319, Skin Sens. 1B - H317; H227, Acute Tox. 5 - H303, Aquatic Acute 3 - H402	1,00- 5,00
98-55-5	alpha-Terpineol EC number: 202-680-6 Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A - H319; H227, Acute Tox. 5 - H303, Aquatic Acute 2 - H401	1,00- 5,00
10339-55-6	3,7-Dimethyl-1,6-nonadien-3-ol EC number: 233-732-6 Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A - H319, Skin Sens. 1B - H317; H227, Acute Tox. 5 - H303, Aquatic Acute 3 - H402	1,00- 5,00
32764-98-0	Tetrahydro-6-(3-pentenyl)-2H-pyran-2-one EC number: 251-201-7 Acute Tox. 5 - H313	1,00- 5,00

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1,00- 5,00

97-53-0

4-Allyl-2-methoxyphenol
EC number: 202-589-1

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7212-44-4	Serious eye damage/irritation - Category 2A - H319, Skin Sens. 1B - H317; Acute Tox. 5 - H303, H316, Aquatic Acute 2 - H401 Nerolidol (isomer unspecified) EC number: 230-597-5 Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410; Serious eye damage/irritation - Category 2B - H320	0,10- 1,00
93-58-3	Methyl benzoate EC number: 202-259-7 Repr. 2 Acute Tox. 4 - H302; Repr. 2 - H361; H227, Aquatic Acute 3 - H402	0,10- 1,00
128-37-0	Butylated hydroxytoluene EC number: 204-881-4 Aquatic Acute 1 - H400, Aquatic Chronic 1 -H410	0,10- 1,00
105-87-3	Geranyl acetate EC number: 203-341-5 Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Acute 2 - H401, Aquatic Chronic 3 - H412	0,10- 1,00
106-25-2	Nerol EC number: 203-378-7 Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A - H319, Skin Sens. 1B - H317; Acute Tox. 5 - H303, Aquatic Acute 2 - H401	0,10- 1,00
5932-68-3	trans-Isoeugenol EC number: 227-678-2 Acute Tox. 4 - H302, Acute Tox. 4 - H312, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A- H319, Skin Sens. 1A- H317, STOT SE 3 - H335; Aquatic Acute 2 - H401	0,001- 0,10

04 First aid measures

- Description of first aid measures
 - 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. Then consult a doctor.
 - After swallowing:
If symptoms persist consult doctor.

- Most important symptoms and effects, both acute and delayed No further relevant information available.

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3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

05 Firefighting measures

1. Extinguishing media
 - 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
 - For non-emergency personnel
Wear protective equipment. Keep unprotected persons away.
 - For emergency responders
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.

07 Handling and storage

1. Precautions for safe handling
Open and handle receptacle with care.
 - Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
2. Conditions for safe storage, including any incompatibilities
 - 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.
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:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - Ingredients with biological limit values:
No further relevant information available.
2. Exposure controls

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- Personal protective equipment:
- General protective and hygienic measures:
Avoid contact with the eyes and skin.
- Respiratory protection:
Not required.
- 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
- Limitation and supervision of exposure into the environment
No further relevant information available.

09 Physical and chemical properties

General Information Physical state	
Appearance: Form:	Fluid
Odour:	
Odour threshold: pH-value:	Fluid Characteristic Not determined. Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	> 35 °C
Flash point:	>= 61 °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	0,9790- 1,0090 (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.
Particle characteristics	Not determined.
Other information	No further relevant information available.
Additional information	Not applicable.
Surface tension:	Not determined.

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10 Stability and reactivity

1. **Reactivity**
No further relevant information available.
2. **Chemical stability**
Good stability at conditions of use mentionned 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:

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Oral, LD50 ETA UN: 9229,78 mg/kg

Dermal, LD50 ETA UN: 129349,37 mg/kg

- **Skin corrosion / irritation**
Causes skin irritation.
- **Serious eye damage / irritation**
Causes serious eye damage.
- **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**
Suspected of damaging fertility or the unborn child.
- **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.
- **Reproductive toxicity**
Suspected of damaging fertility or the unborn child.
- **Other information**
No further relevant information available.

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12 Ecological information

1. Toxicity
 - Aquatic toxicity:
Toxic to aquatic life.
2. Persistence and degradability
 - Toxic to aquatic life with long lasting effects.
 - Behaviour in environmental systems:
3. Bioaccumulative potential
 - Not available
4. Mobility in soil
 - Not available
5. Other adverse effects
 - No further relevant information available.

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

1. UN-Number
 - .ADR UN3082
 - . IMDG UN3082
 - . IATA UN3082
2. UN proper shipping name
 - .ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(PERFUMERY PRODUCTS)
 - . IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(PERFUMERY PRODUCTS)
 - . IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(PERFUMERY PRODUCTS)
3. Transport hazard class(es)
 - .ADR
 - . Class 9 (M6) Miscellaneous dangerous substances and articles.
 - . Label



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

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. Label



. IATA .

Class .

Label

9 Miscellaneous dangerous substances and articles.



4. Packing group ADR

. IMDG

III

. IATA

III

III

5. Environmental hazards:

. Marine pollutant:

Yes

6. Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

. Danger code (Kemler):

90

. EMS Number:

F-A.S-F

7. Transport in bulk according to Annex II of Marpol 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. (PERFUMERY PRODUCTS), 9, III

15 Regulatory information

- National regulations:
- Waterhazard class:
Water hazard class 2 (Self-assessment): hazardous for water.
- PFAS
None of the ingredients is listed.

2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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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.
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.
H332	Harmful if inhaled.
H335	May cause respiratory 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 longlasting 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.