

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Sales No. : FESTIVE SPICE

1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended Use Fragrances : Perfume compound

1.3 Details of the supplier of the safety data sheet

Company :
Givaudan Fragrances (Guangzhou) Ltd.
East Section of GETDD
No.66, Hongjing Road
GUANGZHOU
510760 GUANGDONG
CHINA

Telephone : +862062985000

Telefax : +862062985010

E-mail address :

Responsible/issuing person

1.4 Emergency telephone number

+8653283889090

Please refer to section 16 for a full list of emergency phone numbers.

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (Globally Harmonized System)

Flammable liquids, Category 4	H227: Combustible liquid.
Skin corrosion/irritation, Category 2	H315: Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Short-term (acute) aquatic hazard, Category 2	H401: Toxic to aquatic life.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

Administrative information:

Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30

Sales & Distribution Information: GZ03/FR/CN13/01

Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

2.2 Label elements

Labelling (Globally Harmonized System)

Hazard pictograms :



Signal word : Warning

Hazard statements : H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing mist or vapours.
Wash skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
P261 Avoid release to the environment.
P264 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
P272
P280

Response:
P301 + P316 IF SWALLOWED: Get emergency medical help immediately.
IF ON SKIN: Wash with plenty of water.

P302 + P352
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331 Do NOT induce vomiting.
P333 + P317 If skin irritation or rash occurs: Get medical help.

P337 + P317 If eye irritation persists: Get medical help.
P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:
P403 Store in a well-ventilated place.

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

P405

Store locked up.

Disposal:

P501

Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

- (R)-p-mentha-1,8-diene 5989-27-5
- 3-phenyl-2-propenal (= Cinnamic aldehyde) 104-55-2
- 2-methoxy-4-(2-propen-1-yl)-phenol (eugenol) 97-53-0
- 2H-1-benzopyran-2-one (=coumarin) 91-64-5

2.3 Other hazards

no data available

SECTION 3. Composition/information on ingredients

Chemical name	CAS-No. EC-No.	Classification (Globally Harmonized System)	Concentration [%]
(R)-p-mentha-1,8-diene	5989-27-5 227-813-5	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 10 - < 15
2-tert-butylcyclohexyl acetate	88-41-5 201-828-7	Acute Tox. 5; H303 Aquatic Acute 2; H401 Aquatic Chronic 2; H411 Flam. Liq. 4; H227 Skin Irrit. 3; H316	>= 5 - < 10
3-phenyl-2-propenal (= Cinnamic aldehyde)	104-55-2 203-213-9	Acute Tox. 5; H303 Acute Tox. 4; H314 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Eye Irrit. 2A; H319 Aquatic Acute 2; H401 Aquatic Chronic 3; H412	>= 5 - < 10
2-methoxy-4-(2-propen-1-yl)-phenol (eugenol)	97-53-0 202-589-1	Acute Tox. 5; H303 Eye Irrit. 2A; H319 Aquatic Acute 2; H401 Skin Irrit. 3; H316 Skin Sens. 1B; H317	>= 5 - < 10
diethyl malonate	105-53-3 203-305-9	Flam. Liq. 4; H227 Eye Irrit. 2A; H319 Aquatic Acute 3; H402	>= 2.5 - < 5

Administrative information:

Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30

Sales & Distribution Information: GZ03/FR/CN13/01

Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

2H-1-benzopyran-2-one (=coumarin)	91-64-5 202-086-7	Acute Tox. 3; H301 Skin Sens. 1B; H317 Aquatic Acute 3; H402	>= 2.5 - < 5
3-phenylpropanol	122-97-4 204-587-6	Acute Tox. 5; H303 Acute Tox. 5; H313 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 3; H402	>= 1 - < 2.5
Ethyl 2-methyl-1,3-dioxolane-2-acetate	6413-10-1 229-114-0	Flam. Liq. 4; H227 Skin Irrit. 3; H316	>= 1 - < 5
4-undecanolide	104-67-6 203-225-4	Aquatic Acute 3; H402 Aquatic Chronic 3; H412 Skin Irrit. 3; H316	>= 1 - < 2.5
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5 214-946-9	Skin Irrit. 3; H316 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0.25 - < 1
4,11,11-trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene (= Caryophyllene)	87-44-5 201-746-1	Asp. Tox. 1; H304 Skin Sens. 1B; H317	>= 0.1 - < 1
methyl 3-phenyl-2-propenoate (= methyl cinnamate)	103-26-4 203-093-8	Acute Tox. 5; H303 Skin Sens. 1B; H317	>= 0.1 - < 1
benzyl benzoate	120-51-4 204-402-9	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 0.25 - < 1
7-methyl-3-methylene-1,6-octadiene (= myrcene)	123-35-3 204-622-5	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Eye Irrit. 2A; H319 Skin Irrit. 2; H315 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 0.25 - < 1
linalool	78-70-6 201-134-4	Flam. Liq. 4; H227 Acute Tox. 5; H303 Eye Irrit. 2A; H319 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 3; H402	>= 0.1 - < 0.25
2,6,6-trimethyl-Bicyclo[3.1.1]hept-2-ene (= alpha-pinene)	80-56-8 201-291-9	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0.1 - < 0.25
1,3-Benzodioxole-5-carboxaldehyde (= piperonal)	120-57-0 204-409-7	Acute Tox. 5; H303 Skin Sens. 1B; H317 Aquatic Acute 2; H401	>= 0.1 - < 0.25

Administrative information:

Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30

Sales & Distribution Information: GZ03/FR/CN13/01

Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

2-methylundecanal	110-41-8 203-765-0	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Flam. Liq. 4; H227 Skin Irrit. 2; H315 Skin Sens. 1B; H317	>= 0.1 - < 0.25
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)- (= phellandrene)	99-83-2 202-792-5	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0.1 - < 0.25
Oils, Lemon	8008-56-8 284-515-8	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 2; H411	>= 0.1 - < 0.25

SECTION 4. First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.
- If inhaled : Move to fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Remove contact lenses.
Immediately flush eyes for at least 15 minutes. Get medical attention.
- If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : no data available
Risks : May be fatal if swallowed and enters airways.

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : no data available

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Dry chemical
Alcohol-resistant foam
Carbon dioxide (CO₂)
Water spray

Unsuitable extinguishing media : no data available

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Not applicable

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Keep away from open flames, hot surfaces and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking.
Keep in a well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Further information on : Ambient / 10-30°C (50-85°F)

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

storage conditions : Dry, well ventilated, preferably full, hermetically sealed
Advice on common storage : Protect against light.
Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Not applicable

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
2,6,6-trimethyl-Bicyclo[3.1.1]hept-2-ene (= alpha-pinene)	80-56-8	TWA	20 ppm	2014-03-01	ACGIH
Further information	: DSEN: Dermal Sensitization Not classifiable as a human carcinogen				

8.2 Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE. The PPE indicated below are recommendations for worst-case scenario exposures. An exposure assessment will identify more applicable measures to be implemented. EN and ANSI standards are mentioned in the following recommendations, consult equivalent local standards when required.

PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE.

8.2.1 Engineering measures

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.

8.2.2 Personal protective equipment

Eye/face protection : Use safety goggles and faceshield tested according to EN

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

166/ ANSI Z87.1 or equivalent local standard.

Hand protection : Use gloves when handling substance in open systems. Inspect gloves prior to use. Train operators for proper use. If only incidental exposure is expected: (work without direct contact to substance) use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard breakthrough times at least 10 minutes, tested for chemicals indicated in chapter 3 of this SDS. Change gloves frequently. If direct skin contact is expected: use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard, tested for chemicals indicated in chapter 3 of this SDS. Permeation time must exceed contact time.

Other skin protection : Wear working clothes covering arms and legs. The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace. Use apron and sleeve covers or complete chemical suit if exposure is expected.

Respiratory protection : Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, or where indicated by the exposure assessment. Selection of air-purifying or positive-pressure supplied-air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the potential airborne concentrations. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

In case a risk analysis proved the cartridge respirator as acceptable, use type:
ABEK-P3 (EN 14387) OR Combination Multi-gas/P100 (42CFR84.193; ANSI Z88.7 or equivalent local standard) as a backup to engineering controls.

In absence of engineering controls, use self-contained breathing apparatus or full face supplied air respirators. Use respirators and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH 42 CFR 84(US).

Thermal hazards : Wear appropriate thermal protective clothing, when necessary.

Hygiene measures : Remove contaminated clothing and protective equipment before entering eating areas.
Do not eat, drink or smoke during work.

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

Wash hands any time after handling the product.

8.2.3 Environmental exposure controls

General advice : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Form	: Clear liquid
Colour	: Pale yellow to yellow
Taste	: not determined
Odour	: Food-like, Citrus-like, Spicy
Odour Threshold	: Not applicable
Flash point	: 74 °C Method: Grabner miniflash closed cup
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability	: Not applicable
Oxidizing properties	: no data available
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Vapour pressure	: 0.2397 hPa at 20 °C Calculated (100.0 %)
Density	: 912.35 kg/m ³ at 20 °C
Bulk density	: Not applicable
Water solubility	: not determined
Solubility/qualitative	: not determined
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

SECTION 10. Stability and reactivity

10.1 Reactivity

none

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed. Vapours

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

Hazardous decomposition products : no data available

Thermal decomposition : no data available

SECTION 11. Toxicological information

Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate
Dose: > 5,000 mg/kg
Method: Calculation method

Acute oral toxicity (R)-p-mentha-1,8-diene	: LD50: 5,600 mg/kg	Species: Mouse
2-tert-butylcyclohexyl acetate	: LD50: 4,600 mg/kg	Species: Rat
3-phenyl-2-propenal (= Cinnamic aldehyde)	: LD50: 2,220 mg/kg	Species: Rat
2-methoxy-4-(2-propen-1-yl)-phenol (eugenol)	: LD50: 2,130 mg/kg	Species: Guinea pig
diethyl malonate	: LD50: 6,400 mg/kg	Species: Mouse
2H-1-benzopyran-2-one (=coumarin)	: LD50: 290 mg/kg	Species: Rat
3-phenylpropanol	: LD50: 2,300 mg/kg	Species: Rat
4-undecanolide	: LD50: 18,500 mg/kg	Species: Rat
4,11,11-trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene (= Caryophyllene)	: LD50: > 5,000 mg/kg	Species: Rat
methyl 3-phenyl-2-propenoate (= methyl cinnamate)	: LD50: 2,610 mg/kg	Species: Rat

Administrative information:

Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30

Sales & Distribution Information: GZ03/FR/CN13/01

Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

benzyl benzoate	: LD50: 2,000 mg/kg	Species: Rat
7-methyl-3-methylene-1,6-octadiene (= myrcene)	: LD50: > 5,000 mg/kg	Species: Rat
linalool	: LD50: 2,790 mg/kg	Species: Rat
2,6,6-trimethyl-Bicyclo[3.1.1]hept-2-ene (= alpha-pinene)	: LD50: > 500 - 2,000 mg/kg	Species: Rat
1,3-Benzodioxole-5-carboxaldehyde (= piperonal)	: LD50: 2,700 mg/kg	Species: Rat
2-methylundecanal	: LD50: > 5,000 mg/kg	Species: Rat
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)- (= phellandrene)	: LD50: 5,700 mg/kg	Species: Rat
Acute inhalation toxicity : No data is available on the product itself.		
Acute dermal toxicity : Acute toxicity estimate Dose: > 5,000 mg/kg Method: Calculation method		
Acute dermal toxicity (R)-p-mentha-1,8-diene	: LD50: > 5,000 mg/kg	Species: Rabbit
2-tert-butylcyclohexyl acetate	: LD50: > 5,000 mg/kg	Species: Rabbit
3-phenylpropanol	: LD50: 5,000 mg/kg	Species: Rabbit
4,11,11-trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene (= Caryophyllene)	: LD50: > 5,000 mg/kg	Species: Rabbit
methyl 3-phenyl-2-propenoate (= methyl cinnamate)	: LD50: > 5,000 mg/kg	Species: Rabbit
benzyl benzoate	: LD50: 4,000 mg/kg	Species: Rabbit
7-methyl-3-methylene-1,6-octadiene (= myrcene)	: LD50: > 5,000 mg/kg	Species: Rabbit
1,3-Benzodioxole-5-carboxaldehyde (= piperonal)	: LD50: > 5,000 mg/kg	Species: Rat
2-methylundecanal	: LD50: > 10,000 mg/kg	Species: Rabbit
Oils, Lemon	: LD50: > 5,000 mg/kg	Species: Rabbit

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

Acute toxicity (other routes of administration) : No data is available on the product itself.

Skin corrosion/irritation

Skin irritation : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation

Sensitisation : No data is available on the product itself.

Germ cell mutagenicity

Germ cell mutagenicity : No data is available on the product itself.

Carcinogenicity

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity

Not classified based on available information.

Target Organ Systemic Toxicant - Single exposure

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic Toxicant - Repeated exposure : No data is available on the product itself.

Aspiration hazard

Aspiration toxicity : No data is available on the product itself.

Phototoxicity

Phototoxicity : No data is available on the product itself.

Further information : Solvents may degrease the skin.

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

SECTION 12. Ecological information

Ecotoxicity

Components:

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

benzyl benzoate:

M-Factor (Acute aquatic toxicity) : 1

7-methyl-3-methylenoocta-1,6-diene:

M-Factor (Acute aquatic toxicity) : 1

pin-2(3)-ene:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

2-methylundecanal:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

p-mentha-1,5-diene:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

Persistence and degradability

no data available

Administrative information:

Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30

Sales & Distribution Information: GZ03/FR/CN13/01

Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with local regulations.

SECTION 14. Transport information

14.1 UN number

N/A

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

N/A

Administrative information:

Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30

Sales & Distribution Information: GZ03/FR/CN13/01

Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

14.4 Packing group

N/A

14.5 Environmental hazards

N/A

14.6 Special precautions for user

IMDG

IMDG Code Segregation : None
Group

14.7 Transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no additional relevant information

SECTION 16. Other information

Full text of H-Statements referred to under sections 2 and 3.

H226	Flammable liquid and vapour.
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
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.
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.

Full list of Emergency response numbers worldwide.

Administrative information:
Report Information: SDS_AU/EN/GHS_SDS_UN_CNTRY/30
Sales & Distribution Information: GZ03/FR/CN13/01
Shipping Order Information: 29,513,252/25,111,217

CA/WINTER IS COMING

Version 1.0

Revision Date 27 FEB 2024

Print Date 27 FEB 2024

	Country	Phone nr		Country	Phone nr
Europe	All Europe	+44 1235 239670	APAC	All East/South East Asia	+65 3158 1074
	France	+33 1 72 11 00 03		Sri Lanka	+65 3158 1195
	Germany	+49 89 220 61012		Taiwan	+886 2 8793 3212
	Spain	+34 91 114 2520		Japan	0120 015 230
	Italy	800 699 792		Indonesia	007 803 011 0293
	Netherlands	+31 10 713 8195		Malaysia	+60 3 6207 4347
	Turkey	0800 621 2139 +44 1235 239670		Thailand	001 800 120 666 751
	Norway	+47 2103 4452		India	+65 3158 1198 000 800 100 7479
	Greece	+30 21 1198 3182		Pakistan	+65 3158 1329
	Portugal	+351 30880 4750		Bangladesh	+65 3158 1200
	Denmark	+45 8988 2286		Philippines	+63 2 8231 2149
	Sweden	+46 8 566 42573		Vietnam	+84 28 4458 2388
	Poland	+48 22 307 3690		Korea	+65 3158 1285
	Czech republic	+420 228 882 830		South Korea	+82 2 3479 8401
	Finland	+358 9 7479 0199		Australia	+61 2 8014 4558
Middle East/Africa	All Middle East/Africa	+44 1235 239671	LATAM	New Zealand	+64 9 929 1483
	Bahrain and Middle East	+44 1235 239671		China	+86 532 8388 9090
	Africa/South Africa	+27 21 300 2732		Mexico	+52 55 5004 8763
NOAM	USA and Canada	+1 866 928 0789		Brazil	+55 11 3197 5891
	USA and Canada	+1 215 207 0061		Chile	+56 2 2582 9336
	USA and Canada	+1 202 464 2554		Colombia	+57 1 508 7337
Global	Global	+44 1865 407333		Argentina	+54 11 5984 3690

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Givaudan.

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