

Tahitian Vanilla

Version 3.0

Revision Date 09 AUG 2020

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

1.1 Product identifier

Sales No. : Tahitian Vanilla

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 (Shanghai) Ltd.
298, Li Shi Zhen Road
PuDong Zhang Jiang High-Tech Park
201203 SHANGHAI
CHINA

Telephone : +862128931288
Telefax : +862150271412
E-mail address : global.msds_fragrances_raps@givaudan.com
Responsible/issuing person

1.4 Emergency telephone number

+862162679090

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Sub-category 1B	H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

Sensitising	R43: May cause sensitisation by skin contact.
Dangerous for the environment	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word :

Warning

Hazard statements :

H317
H319
H412

May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

Response:

P333 + P313

If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313

If eye irritation persists: Get medical advice/ attention.

P363

Wash contaminated clothing before reuse.

Hazardous components which must be listed on the label:

- 2H-1-benzopyran-2-one (coumarin) 91-64-5
- (R)-p-mentha-1,8-diene 5989-27-5
- 4-methoxybenzyl alcohol 105-13-5
- 5,6,7-TRIMETHYLOCTA-2,5-DIEN-4-ONE 358331-95-0
- 3-phenyl-2-propenal (cinnamic aldehyde) 104-55-2

Labelling according to EC Directives (67/548/EEC, 1999/45/EC)

Hazard pictograms :



Irritant



Dangerous for the environment

R-phrases(s) :

R43
R51/53

May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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S-phrase(s) : S24 Avoid contact with skin.
 S37 Wear suitable gloves.
 S57 Use appropriate container to avoid environmental contamination.
 S60 This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label:

- 2H-1-benzopyran-2-one (coumarin) 91-64-5
- (R)-p-mentha-1,8-diene 5989-27-5
- 4-methoxybenzyl alcohol 105-13-5

2.3 Other hazards

no data available

SECTION 3. Composition/information on ingredients**3.2 Mixtures****Hazardous components**

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
3-ETHOXY-4-HYDROXYBENZALDEHYDE	121-32-4 204-464-7 01-2119958961-24-0000		Eye Irrit. 2; H319	>= 5 - < 10
4-methoxybenzyl acetate	104-21-2 203-185-8 / /	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 5 - < 10
2H-1-benzopyran-2-one (coumarin)	91-64-5 202-086-7	Xn; R22 Xi; R43	Acute Tox. 4; H302 Skin Sens. 1B; H317	>= 1 - < 5
3-methoxy-4-hydroxybenzaldehyde (vanillin)	121-33-5 204-465-2 01-2119516040-60-0000	Xi; R36	Eye Irrit. 2; H319	>= 1 - < 3

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(R)-p-mentha-1,8-diene	5989-27-5 227-813-5 01-2119529223-47	R10 Xi; R38 R43 N; R50-R53 Xn; R65	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2,5
4-methoxybenzyl alcohol	105-13-5 203-273-6 / / /	Xn; R22 Xi; R43-R41	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Sens. 1B; H317	>= 1 - < 3
2-propenyl hexanoate (allyl hexanoate)	123-68-2 204-642-4 / /	Xn; R21/22 T; R23 N; R50/53	Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 0,25 - < 1
BUTANOIC ACID, 1,1-DIMETHYL-2-PHENYLETHYL	10094-34-5 233-221-8 / /	N; R51/53	Aquatic Chronic 2; H411	>= 0,25 - < 1
4-undecanolide	104-67-6 203-225-4 01-2119959333-34-0001 01-2119959333-34-0000	N; R51/53	Aquatic Chronic 3; H412	>= 0,25 - < 1

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2-propenyl heptanoate (allyl heptanoate)	142-19-8 205-527-1 01-2119488961-23-0000	Xn; R21/22 T; R23 N; R50/53	Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 0,25 - < 1
3,7-DIMETHYL-6-OCTEN-1-YL ACETATE	150-84-5 205-775-0 01-2119959860-27-0000	N; R51/53 Xi; R38	Skin Irrit. 2; H315 Aquatic Chronic 2; H411	>= 0,25 - < 1
5,6,7-TRIMETHYLOCTA-2,5-DIEN-4-ONE	358331-95-0 451-330-0 01-0000019066-71-0001	N; R51/53 Xi; R38-R43-R41	Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 0,1 - < 0,25

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

Hydrocarbons : 2,2 %

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.
Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.

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If swallowed : Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

: Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : no data available
Risks : no data available

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
Water spray
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

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 fire fighting 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.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

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6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
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 : 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.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Temperature class : no data available

Fire-fighting class : no data available

Dust explosion class : no data available

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : no data available

Advice on common storage : no data available

German storage class : no data available

Other data : No decomposition if stored and applied as directed.

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7.3 Specific end use(s)

Specific use(s) : no data available

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
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 : liquid
Colour : Almost colorless to Very slightly yellow
Taste : not determined
Odour : Citrus-like, like fruit, Vanilla-like
Odour Threshold : not applicable
Flash point : 107 °C Method: Grabner miniflash closed cup

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Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability (solid, gas)	: not applicable
Oxidizing properties	: no data available
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Melting point	: not determined
Boiling point	: not determined
Vapour pressure	: 0,1077 hPa at 20 °C Calculated (99,9 %)
Density	: 920,97 kg/m ³ at 20 °C
Bulk density	: not applicable
Water solubility	: not determined
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available
Explosive properties	: 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.

10.4 Conditions to avoid

Conditions to avoid : no data available

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

11.1 Information on toxicological effects

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Acute toxicity**Acute oral toxicity**

: Acute toxicity estimate
Dose: > 2 000 mg/kg
Method: Calculation method

Acute oral toxicity

3-ETHOXY-4-HYDROXYBENZALDEHYDE	: LD50: 1 590 mg/kg	Species: rat
4-methoxybenzyl acetate	: LD50: 2 250 mg/kg	Species: rat
2H-1-benzopyran-2-one (coumarin)	: LD50: 293 mg/kg	Species: rat
	LD50: 196 mg/kg	Species: mouse
	LD50: 202 mg/kg	Species: guinea pig
	LD50: 520 mg/kg	Species: rat
3-methoxy-4-hydroxy- benzaldehyde (vanillin)	: LD50: 1 580 mg/kg	Species: rat
	LD50: 3 925 mg/kg	Species: mouse
	LD50: 1 400 mg/kg	Species: guinea pig
(R)-p-mentha-1,8-diene	: LD50: 4 400 mg/kg	Species: rat
	LD50: 5 600 mg/kg	Species: mouse
4-methoxybenzyl alcohol	: LD50: 1 200 mg/kg	Species: rat
2-propenyl hexanoate (allyl hexanoate)	: LD50: 218 mg/kg	Species: rat
	LD50: 280 mg/kg	Species: guinea pig
BUTANOIC ACID, 1,1- DIMETHYL-2- PHENYLETHYL	: LD50: > 5 000 mg/kg	Species: rat
4-undecanolide	: LD50: 18 500 mg/kg	Species: rat
2-propenyl heptanoate (allyl heptanoate)	: LD50: 500 mg/kg	Species: rat

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	LD50: 630 mg/kg	Species: mouse
	LD50: 444 mg/kg	Species: guinea pig
3,7-DIMETHYL-6-OCTEN-1- YL ACETATE	: LD50: 6 800 mg/kg	Species: rat
5,6,7-TRIMETHYLOCTA-2,5- DIEN-4-ONE	: LD50: > 2 000 mg/kg	Species: rat
Acute inhalation toxicity	: Acute toxicity estimate Dose: > 20,00 mg/l Method: Calculation method	
Acute dermal toxicity	: Acute toxicity estimate Dose: > 2 000 mg/kg Method: Calculation method	
Acute dermal toxicity		
3-ETHOXY-4- HYDROXYBENZALDEHYDE	: LD50: > 7 940 mg/kg	Species: rabbit
4-methoxybenzyl acetate	: LD50: > 5 000 mg/kg	Species: rabbit
3-methoxy-4-hydroxy- benzaldehyde (vanillin)	: LD50: > 5 010 mg/kg	Species: rabbit
(R)-p-mentha-1,8-diene	: LD50: > 5 000 mg/kg	Species: rabbit
4-methoxybenzyl alcohol	: LD50: 3 000 mg/kg	Species: rabbit
2-propenyl hexanoate (allyl hexanoate)	: LD50: 300 mg/kg	Species: rabbit
BUTANOIC ACID, 1,1- DIMETHYL-2- PHENYLETHYL	: LD50: > 5 000 mg/kg	Species: rabbit
2-propenyl heptanoate (allyl heptanoate)	: LD50: 810 mg/kg	Species: rabbit
3,7-DIMETHYL-6-OCTEN-1- YL ACETATE	: LD50: > 2 000 mg/kg	Species: rabbit

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5,6,7-TRIMETHYLOCTA-2,5-DIEN-4-ONE : LD50: > 2 000 mg/kg Species: rat

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 : May cause irreversible eye damage.

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

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

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.

Target Organ Systemic Toxicant - Repeated exposure Aspiration hazard

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

Phototoxicity

Phototoxicity : No data is available on the product itself.

Further information : no data available

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SECTION 12. Ecological information

12.1 Toxicity

Toxicity to fish	: no data available
Toxicity to daphnia and other aquatic invertebrates	: no data available
Toxicity to algae	: no data available
M-Factor	
(R)-p-mentha-1,8-diene	: 1
M-Factor	
2-propenyl hexanoate (allyl hexanoate)	: 1
M-Factor	
2-propenyl heptanoate (allyl heptanoate)	: 1
Toxicity to bacteria	: no data available
Toxicity to fish (Chronic toxicity)	: no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: no data available
Acute aquatic toxicity	: no data available
Chronic aquatic toxicity	: no data available
Toxicity Data on Soil	: no data available
Other organisms relevant to the environment	: no data available

12.2 Persistence and degradability

Biodegradability	: no data available
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12.3 Bioaccumulative potential

Bioaccumulation	: no data available
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12.4 Mobility in soil

Mobility	: no data available
Distribution among environmental compartments	: no data available
Additional advice	: no data available
Environmental fate and pathways	
Physico-chemical removability	: no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

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Biochemical Oxygen Demand (BOD)	: no data available
Dissolved organic carbon (DOC)	: no data available
Chemical Oxygen Demand (COD)	: no data available
Adsorbed organic bound halogens (AOX)	: no data available
Additional ecological information	: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. 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.

Dispose of in accordance with local regulations.

SECTION 14. Transport information

ADR/RID

Not regulated

IATA/ICAO

Not regulated

IMDG

Not regulated

SECTION 15. Regulatory information

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

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mixture

Water contaminating class : WGK 2 water endangering
(Germany)

15.2 Chemical Safety Assessment

no data available

SECTION 16. Other information

Full text of R-phrases referred to under sections 2 and 3

R10	Flammable.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R23	Toxic by inhalation.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

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

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic 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.

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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