

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

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

1.1 Product identifier

Sales No. : BST00228
SH24285 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

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.
Chronic aquatic toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects.

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

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)

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Givaudan®

SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

Hazard pictograms

:



Signal word

: Warning

Hazard statements

: H226
H411

Flammable liquid and vapour.
Toxic to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P370 + P378

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

P403 + P235

Store in a well-ventilated place. Keep cool.

Additional Labelling:

EUH208 Contains: 2-METHYL-3-(4-ISOPROPYLPHENYL)PROPANAL May produce an allergic reaction.

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

Hazard pictograms

:



Dangerous
for the
environment

R-phrase(s)

: R51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

: S57

Use appropriate container to avoid environmental contamination.

S60

This material and its container must be disposed of as hazardous waste.

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Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**SH24285 VANILLA**

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

Sensitising components : 2-METHYL-3-(4-ISOPROPYLPHENYL)PROPANAL
May produce an allergic reaction.

2.3 Other hazards

no data available

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 [%]
Hexyl acetate	142-92-7 205-572-7	R10 N; R51/53	Flam. Liq. 3; H226 Aquatic Chronic 2; H411	>= 25 - < 50
low boiling point hydrogen treated naphtha	64742-48-9 265-150-3	Xn; R65	Asp. Tox. 1; H304	>= 5 - < 10
methyl benzoate	93-58-3 202-259-7	Xn; R22	Acute Tox. 4; H302	>= 1 - < 5
2-PROPENYL 2(3)- METHYLBUTOXYACE TATE	67634-00-8 266-803-5	Xn; R22 Xi; R38	Acute Tox. 4; H302 Skin Irrit. 2; H315	>= 1 - < 5
4-Undecanolide	104-67-6 203-225-4	N; R51/53		>= 1 - < 2,5
2-METHYL-3-(4- ISOPROPYLPHENYL) PROPANAL	103-95-7 203-161-7	N; R51/53 Xi; R38 Xi; R43	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 0,1 - < 1

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

2-cyclohexylidene-2-phenylacetonitrile	10461-98-0 423-740-1 01-0000017023-83-0003	Xn; R22 N; R51-R53	Acute Tox. 4; H302 Aquatic Chronic 2; H411	$\geq 0,1 - < 1$
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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.

Sensitising components R43 (0,1 - < 1%)

Chemical Name	CAS-No.	EINECS-No./ELINCS No.
2-METHYL-3-(4-ISOPROPYLPHENYL)PROPANAL	103-95-7	203-161-7

Hydrocarbons : 9,4 %

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.
If on clothes, remove clothes.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : 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

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : no data available

5. Fire-fighting measures

5.1 Extinguishing media

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

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

Special protective equipment for fire-fighters : 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.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

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

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

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).

6.4 Reference to other sections

not applicable

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
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.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).
Keep away from open flames, hot surfaces and sources of ignition.

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 : No smoking.
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.
Observe label precautions.
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

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

German storage class : no data available
Other data : No decomposition if stored and applied as directed.

7.3 Specific end uses

Specific use(s) : no data available

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

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 : 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.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid
Form : liquid
Colour : Very slightly yellow, Pale yellow
Taste : not determined
Odour : Vanilla-like, Floral, Powdery
Odour Threshold : not applicable
Flash point : 60 °C Method: Grabner miniflash closed cup
Lower explosion limit : not determined

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

Upper explosion limit	: not determined
Flammability (solid, gas)	: not applicable
Oxidizing properties	: no data available
Autoignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Melting point	: not determined
Boiling point	: not determined
Vapour pressure	: 2,2308 hPa at 20 °C Calculated (99,5 %)
Density	: 938,97 kg/m3 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

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 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

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate
Dose: 8 125 mg/kg
Method: Calculation method

Acute oral toxicity

Hexyl acetate	: LD50: > 5 000 mg/kg	Species: rat
methyl benzoate	: LD50: 2 170 mg/kg	Species: rabbit
	LD50: 1 177 mg/kg	Species: rat
	LD50: 3 330 mg/kg	Species: mouse
2-PROPENYL 2(3)-METHYLBUTOXYACETATE	: LD50: 730 mg/kg	Species: rat
4-Undecanolide	: LD50: 18 500 mg/kg	Species: rat
2-METHYL-3-(4-ISOPROPYLPHENYL)PROP ANAL	: LD50: 2 000 mg/kg	Species: rat
2-cyclohexylidene-2-phenylacetonitrile	: LD50: 619 mg/kg	Species: rat

Acute inhalation toxicity : No data is available on the product itself.

Acute inhalation toxicity

2-cyclohexylidene-2-phenylacetonitrile : LC50: > 5,00 mg/l
Exposure time: 4 h Species: rat

Acute dermal toxicity : No data is available on the product itself.

Acute dermal toxicity

Hexyl acetate	: LD50: > 5 000 mg/kg	Species: rabbit
methyl benzoate	: LD50: 5 000 mg/kg	Species: rabbit

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

2-METHYL-3-(4-
ISOPROPYLPHENYL)PROP
ANAL

: LD50: 5 000 mg/kg

Species: rat

2-cyclohexylidene-2-
phenylacetonitrile

: 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

: No data is available on the product itself.

Serious eye damage/eye irritation

Eye irritation

: No data is available on the product itself.

Respiratory or skin sensitization

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

: No data is available on the product itself.

Toxicant - Single exposure

Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic

: No data is available on the product itself.

Toxicant - Repeated
exposure

Target Organ Systemic Toxicant - Repeated exposure

Aspiration hazard

Aspiration toxicity

: No data is available on the product itself.

Phototoxicity

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

Phototoxicity : No data is available on the product itself.
Further information : Solvents may degrease the skin.

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
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

12.3 Bioaccumulative potential

Bioaccumulation : no data available

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

Biochemical Oxygen Demand (BOD) : no data available
Dissolved organic carbon (DOC) : no data available
Chemical Oxygen Demand (COD) : no data available

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Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

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. Toxic to aquatic life with long lasting effects.

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.

14. Transport information

ADR/RID/ADN

UN number : 1169
Description of the goods : EXTRACTS, AROMATIC, LIQUID
Transport hazard class(es) : 3
Packing group : III
Hazard identification No : 30
Labels : 3
Tunnel restriction code : (D/E)
Environmentally hazardous : yes

IATA/ICAO

UN number : 1169
Proper shipping name : Extracts, aromatic, liquid
Class : 3
Packing group : III
Labels : 3
Environmentally hazardous : yes

Packing instruction (CAO) : 366
Packing instruction (PAX) : 355
Packing instruction (Ltd.) : Y344

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

Qty.)

IMDG

UN number : 1169
Proper shipping name : EXTRACTS, AROMATIC, LIQUID
Class : 3
Packing group : III
Labels : 3
EmS Fire : F-E
EmS Spillage : S-D

Marine pollutant : yes
Hexyl acetate

15. Regulatory information

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

Water contaminating class : WGK 2 water endangering
(Germany)

15.2 Chemical Safety Assessment

no data available

16. Other information

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

R10 Flammable.
R22 Harmful if swallowed.
R38 Irritating to skin.
R43 May cause sensitization by skin contact.
R51 Toxic to aquatic organisms.
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.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SH24285 VANILLA

Version 2.0

Revision Date 28 MAY 2024

Print Date 28 MAY 2024

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.

Administrative information:

Report Information: SDS_FR/EN/GHS_SDS_EU_CNTRY/08

Sales & Distribution Information: SH01/FR/CN10/01

Report ID: 4135357/1461509