

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018 Revision: 25 October 2018

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

'1.1 Product identifier

'Trade name: Sunshine Vanilla

'Product code: FR9774

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

- 'Application of the substance / the mixture: Fragrance
- 'Uses advised against: No further relevant information available.

1.3 Details of the supplier of the Safety Data Sheet

'Manufacturer/Supplier:

FRSH SCENTS LIMITED

RM603, 6/F HANG PONT, COMMERCIAL BUILDING

31 TONKIN STREET, CHEUNG SHA WAN, KL

HONG KONG

TEL +86-769-882 88882

'1.4 Emergency telephone number:

ChemTel Inc.

(800)255-3924 (North America)

+1 (813)248-0585 (International)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

'Classification according to Regulation (EC) No 1272/2008

Flam. Lig. 3 H226 Flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

'2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

'Hazard pictograms







'Signal word Danger

'Hazard-determining components of labelling:

Octahydrocoumarin

3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde

4-Hydroxy-2,5-dimethyl-3(2H)-furanone

Diacetyl

2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6)]undec5(4)-en-5-yl) propan-1-ol

'Hazard statements

H226 Flammable liquid and vapour.

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H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P264 Wash thoroughly after handling. P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case

of fire: Use foam, powder, or carbon dioxide for extinction.

Labelling of packages where the contents do not exceed 125 ml

'Hazard pictograms







GHS02 GHS05 GHS07

'Signal word Danger

'Hazard-determining components of labelling:

Octahydrocoumarin

3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde

4-Hydroxy-2,5-dimethyl-3(2H)-furanone

Diacetyl

2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6)]undec5(4)-en-5-yl) propan-1-ol

'Hazard statements

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

'Precautionary statements

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

'2.3 Other hazards There are no other hazards not otherwise classified that have been identified.

'Results of PBT and vPvB assessment

'PBT: Not applicable.
'vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

•	Com	pon	ents:
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CAS: 121-32-4 Ethyl vanillin 10-20%

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EINECS: 204-464-7	Fue Irrit 2 H210	
CAS: 121-33-5 EINECS: 204-465-2 Reg.nr.: 01-2119516040-60-XXXX	◆ Eye Irrit. 2, H319Vanillin◆ Eye Irrit. 2, H319	10-20
CAS: 123-11-5 EINECS: 204-602-6	p-Methoxybenzaldehyde Aquatic Chronic 3, H412	1-10
CAS: 4430-31-3 EINECS: 224-623-4	Octahydrocoumarin Eye Dam. 1, H318	1-10
CAS: 105-54-4 EINECS: 203-306-4	Ethyl butyrate Flam. Liq. 3, H226	1-10
CAS: 4940-11-8 EINECS: 225-582-5	Ethyl maltol Acute Tox. 4, H302	1-10
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119480433-40-XXXX 01-2119555270-46-XXXX	Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0,1-1
CAS: 513-86-0 EINECS: 208-174-1	acetoin Flam. Liq. 3, H226 Skin Irrit. 2, H315; Eye Irrit. 2, H319	0,1-1
CAS: 31906-04-4 EINECS: 250-863-4 Index number: 605-040-00-8	3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde ♦ Skin Sens. 1A, H317	0,1-1
CAS: 122-00-9 EINECS: 204-514-8	4'-methylacetophenone ♦ Acute Tox. 4, H302; Skin Irrit. 2, H315	0,1-
CAS: 14667-55-1 EINECS: 238-712-0	2,3,5-trimethylpyrazine Flam. Liq. 3, H226 Acute Tox. 4, H302	0,1-
CAS: 431-03-8 EINECS: 207-069-8	Diacetyl Flam. Liq. 2, H225 Acute Tox. 3, H331 STOT RE 2, H373 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1-
CAS: 3658-77-3 EINECS: 222-908-8	4-Hydroxy-2,5-dimethyl-3(2H)-furanone Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Sens. 1A, H317	0,1-
CAS: 929625-08-1 ELINCS: 482-030-8	2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6)]undec5(4)-en-5-yl) propan-1-ol	0,1-

Additional information:

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret. For the wording of the listed Hazard Statements refer to section 16.



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SECTION 4: First aid measures

'4.1 Description of first aid measures

'General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

'After inhalation: Supply fresh air; consult doctor in case of complaints.

'After skin contact:

Immediately wash with water and soap and rinse thoroughly.

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

'After eye contact:

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

'After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

'4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions

Strong irritant with the danger of severe eye injury.

Causes skin irritation.

Gastric or intestinal disorders when ingested.

'Hazards: Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains 2-(2,2,7,7-tetramethyltricyclo [6.2.1.0((1,6)]undec5(4)-en-5-yl) propan-1-ol

, Diacetyl, 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde. May produce an allergic reaction.

If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

'5.1 Extinguishing media

'Suitable extinguishing agents:

Foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water haze or fog

'For safety reasons unsuitable extinguishing agents: Water with full jet

'5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour.

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

'Protective equipment:

Wear self-contained respiratory protective device.

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Wear fully protective suit.

'Additional information:

In case of leakage, eliminate all ignition sources.

Use large quantities of foam as it is partially destroyed by the product.

SECTION 6: Accidental release measures

'6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Protect from heat.

'6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

'6.3 Methods and material for containment and cleaning up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Send for recovery or disposal in suitable receptacles.

'6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

'7.1 Precautions for safe handling

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Flammable gas-air mixtures may form in empty receptacles.

Flammable liquid and vapour.

7.2 Conditions for safe storage, including any incompatibilities

'Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

- 'Further information about storage conditions: Keep container tightly sealed.
- '7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

'8.1 Control parameters

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Ingredients with limit values that require monitoring at the workplace:					
128-37-0 Butylated hydroxytoluene					
WEL (Great Brita	WEL (Great Britain) Long-term value: 10 mg/m³				
OEL (Ireland)	Long-term value: 10 mg/m³				
431-03-8 Diacetyl					
IOELV (EU)	Short-term value: 0,36 mg/m³, 0,1 ppm Long-term value: 0,07 mg/m³, 0,02 ppm				

'8.2 Exposure controls

'General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

'Material of gloves

Nitrile rubber, NBR Natural rubber, NR

'Eye protection:



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

- 'Body protection: Protective work clothing
- Limitation and supervision of exposure into the environment:

No further relevant information available.

SECTION 9: Physical and chemical properties

'9.1 Information on basic physical and chemical properties

'Appearance

Form: Liquid

Colour: According to product specification

'Odour: Pleasant Not determined.

'pH-value: Not determined.
'Melting point/freezing point: Not determined.
'Initial boiling point and boiling range: Not determined.

'Flash point: 52 °C

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Flammability (solid, gas):	Not applicable.
'Auto/Self-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air vapour mixtures are possible.
Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not determined.
'Vapour pressure:	Not determined.
Density at 20 °C:	0,83-0,85 g/cm ³
'Relative density:	Not determined.
'Vapour density:	Not determined.
'Evaporation rate:	Not determined.
'Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/wat	ter: Not determined.
'Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
'9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- '10.2 Chemical stability Stable under normal temperatures and pressures.
- 'Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

Flammable liquid and vapour.

Flammable.

Used empty containers may contain product gases which form explosive mixtures with air. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.

10.4 Conditions to avoid

Keep ignition sources away - Do not smoke.

Store away from oxidising agents.

- '10.5 Incompatible materials No further relevant information available.
- '10.6 Hazardous decomposition products

Under fire conditions only:

Carbon monoxide and carbon dioxide



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SECTION 11: Toxicological information				
'11.1 Information on toxicological effects				
'Acute toxicity: Based on available data, the classification criteria are not met.				
'LD/LC50 values relevant for classification:				
ATE (Acute Toxicity Estimates)				
Oral LD50 >3750 mg/kg (rat)				
123-11-5 p-Methoxybenzaldehyde				
Oral LD50 2.755-3.600 mg/kg (rat)				
Dermal LD50 >5.000 mg/kg (rabbit)				
4430-31-3 Octahydrocoumarin				
Oral LD50 3.900 mg/kg (rat)				
4940-11-8 Ethyl maltol				
Oral LD50 1.150 mg/kg (rat)				
24851-98-7 Methyl dihydrojasmonate				
Oral LD50 >2.000 mg/kg (rat)				
Dermal LD50 >5.000 mg/kg (rabbit)				
128-37-0 Butylated hydroxytoluene				
Oral LD50 >6.000 mg/kg (rat)				
Dermal LD50 >2.000 mg/kg (rat)				
122-00-9 4'-methylacetophenone				
Oral LD50 1.400 mg/kg (rat)				
14667-55-1 2,3,5-trimethylpyrazine				
Oral LD50 806 mg/kg (rat)				
431-03-8 Diacetyl				
Oral LD50 1.580 mg/kg (rat)				
3658-77-3 4-Hydroxy-2,5-dimethyl-3(2H)-furanone				

- Primary irritant effect
- 'Skin corrosion/irritation:

Causes skin irritation.

'Serious eye damage/irritation:

Causes serious eye damage.

'Respiratory or skin sensitisation:

May cause an allergic skin reaction.

LD50 1.608 mg/kg (rat)

'IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

Probable routes of exposure:

Ingestion.

Oral

Inhalation.

Eye contact.

Skin contact.

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- '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:

May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.

'Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- '12.1 Toxicity
- 'Aquatic toxicity:

128-37-0 Butylated hydroxytoluene

LC50 1,1 mg/l (fish)

EC50 0,48 mg/l (daphnia)

- '12.2 Persistence and degradability No further relevant information available.
- '12.3 Bioaccumulative potential No further relevant information available.
- '12.4 Mobility in soil No further relevant information available.
- 'Additional ecological information:
- 'General notes:

Do not allow product to reach ground water, water course or sewage system.

Harmful to aquatic organisms

- 12.5 Results of PBT and vPvB assessment
- 'PBT: Not applicable.
- 'vPvB: Not applicable.
- '12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- '13.1 Waste treatment methods
- 'Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- 'Uncleaned packaging:
- 'Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- '14.1 UN-Number
- 'DOT Not Regulated

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'ADR, IMDG, IATA	UN1169	
'14.2 UN proper shipping name 'DOT 'ADR, IMDG, IATA	Not Regulated EXTRACTS, AROMATIC, LIQUID	
'14.3 Transport hazard class(es)		
DOT Class	Not Regulated	
'ADR		
'Class 'Label	3 (F1) 3	
'IMDG, IATA		
'Class 'Label	3 3	
'14.4 Packing group 'DOT 'ADR, IMDG, IATA	Not Regulated	
'14.5 Environmental hazards: 'Marine pollutant:	No	
'14.6 Special precautions for user 'Danger code (Kemler): 'EMS Number:	Warning: Flammable liquids. 30 F-E,S-D	
'14.7 Transport in bulk according to Annex I of Marpol and the IBC Code	Not applicable.	
'Transport/Additional information:		
'DOT	Classified as combustible under US DOT regulations. Labeling is only required for single packages ≥ 119 US gal / 450 L.	
'ADR Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.		
'IMDG		
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Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

'IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net.

SECTION 15: Regulatory information

- '15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- 'IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

- 'Directive 2012/18/EU
- 'Named dangerous substances ANNEX I None of the ingredients are listed.
- 'Seveso category P5c FLAMMABLE LIQUIDS
- 'Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
- 'Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
- 'National regulations:
- 'Water hazard class: Water hazard class 2: hazardous for water.
- 'Other regulations, limitations and prohibitive regulations
- 'Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are listed.

'15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

'Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

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.

H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.

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H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

'Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistant, Bio-accumulable, Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation - Category 1A

STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

'Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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