

Safety Data Sheet

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

Revision: 03 May 2019

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

- **1.1 Product identifier**
 - Trade name: Tuberose Angelica
 - Product code: FR9552
- **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**
 - Skin Irrit. 2 H315 Causes skin irritation.
 - 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**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
Juniper, Juniperus virginiana, extract
Lemon, ext.
alpha-methyl-1,3-benzodioxole-5-propionaldehyde
Linalool
- **Hazard statements**
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P261 Avoid breathing mist/vapours/spray.

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P280 Wear protective gloves.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 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

• Components:

CAS: 120-51-4 EINECS: 204-402-9 Index number: 607-085-00-9 Reg.nr.: 01-2119976371-33-XXXX	Benzyl benzoate ⚠ Aquatic Chronic 2, H411 ⚠ Acute Tox. 4, H302	3-9%
CAS: 58430-94-7 EINECS: 261-245-9 Reg.nr.: 01-2119972325-34-XXXX	3,5,5-trimethylhexyl acetate ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315	3-9%
CAS: 8000-27-9 EINECS: 285-370-3 Reg.nr.: 01-2120744063-63-XXXX	Juniper, Juniperus virginiana, extract ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	1,5-3%
CAS: 140-11-4 EINECS: 205-399-7 Reg.nr.: 01-2119638272-42-XXXX	Benzyl acetate Aquatic Chronic 3, H412	0,3-1,5%
CAS: 60-12-8 EINECS: 200-456-2 Reg.nr.: 01-2119963921-31-XXXX	Phenethyl alcohol ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	0,3-1,5%
CAS: 1205-17-0 EINECS: 214-881-6 Reg.nr.: 01-2120740119-58-XXXX	alpha-methyl-1,3-benzodioxole-5-propionaldehyde ⚠ Aquatic Chronic 2, H411 ⚠ Skin Sens. 1B, H317	0,3-1,5%
CAS: 8008-56-8 EINECS: 284-515-8 Reg.nr.: 01-2119495512-35-XXXX	Lemon, ext. ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0,3-1,5%
CAS: 78-70-6 EINECS: 201-134-4 Index number: 603-235-00-2 Reg.nr.: 01-2119474016-42-XXXX	Linalool ⚠ Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,3-1,5%
CAS: 115-95-7 EINECS: 204-116-4 Reg.nr.: 01-2119454789-19-XXXX	Linalyl acetate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,3-1,5%

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- **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **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:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, 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
Irritant to skin and mucous membranes.
Gastric or intestinal disorders when ingested.

- **4.3 Indication of any immediate medical attention and special treatment needed**

Contains Lemon, ext., Juniper, Juniperus virginiana, extract, alpha-methyl-1,3-benzodioxole-5-propionaldehyde, Linalool, Linalyl acetate. May produce an allergic reaction.
Treat skin and mucous membrane with antihistamine and corticoid preparations.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

Foam
Carbon dioxide
Fire-extinguishing powder
Gaseous extinguishing agents
Water haze or fog

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **5.2 Special hazards arising from the substance or mixture**

Combustible liquid.
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.
Wear fully protective suit.

- **Additional information:** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

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Ensure adequate ventilation
Keep away from ignition sources.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

· **6.2 Environmental precautions**

Avoid release to the environment.
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**

Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
Open and handle receptacle with care.
Keep out of reach of children.

· **Information about fire - and explosion protection:**

Combustible liquid.
Keep ignition sources away - Do not smoke.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:** Avoid storage near extreme heat.

· **Information about storage in one common storage facility:**

Store away from foodstuffs.
Store away from oxidising agents.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

140-11-4 Benzyl acetate

OEL (Ireland)	Long-term value: 10 ppm
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· **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.
Avoid contact with the eyes and skin.

· **Protection of hands:**

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Protective gloves

- **Material of gloves**
Nitrile rubber, NBR
Neoprene gloves
- **Eye protection:** 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.
- **Risk management measures:** 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: Characteristic
· Odour threshold: Not determined.

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

· Flash point: >86 °C
 The product is not flammable.

· **Flammability (solid, gas):** Not applicable.

· **Auto/Self-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Explosive properties:** Product does not present an explosion hazard.

· Explosion limits

Lower: Not determined.
Upper: Not determined.

· **Oxidising properties** Non-oxidising.

· **Vapour pressure:** Not determined.

· Density:

Relative density at 25 °C: 0,926±0,008
Vapour density: Not determined.
Evaporation rate: Not determined.

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

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- **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**
Reacts with oxidising agents.
Reacts with strong acids and alkali.
Toxic fumes may be released if heated above the decomposition point.
Combustible liquid.
- **10.4 Conditions to avoid** Excessive heat.
- **10.5 Incompatible materials**
Oxidising agents
Strong acids and alkali.
- **10.6 Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide

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:**

120-51-4 Benzyl benzoate

Oral LD50 1700 mg/kg (rat)
Dermal LD50 4000 mg/kg (rabbit)

1205-17-0 alpha-methyl-1,3-benzodioxole-5-propionaldehyde

Oral LD50 3600 mg/kg (rat)

- **Primary irritant effect**
- **Skin corrosion/irritation:**
Causes skin irritation.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:**
May cause an allergic skin reaction.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **Probable routes of exposure:**
Ingestion.

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Inhalation.
Eye contact.
Skin contact.

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

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
Harmful to aquatic life with long lasting effects.

120-51-4 Benzyl benzoate

LC50 2,32 mg/l (zebra fish)

EC50 3,09 mg/l (daphnia)

58430-94-7 3,5,5-trimethylhexyl acetate
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LC50 7,7 mg/l (pimephales promelas)

8000-27-9 Juniper, Juniperus virginiana, extract

EC50 1,3 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:**
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- **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**
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.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

· 14.1 UN-Number · DOT, ADR/RID/ADN, IMDG, IATA	Not Regulated
· 14.2 UN proper shipping name · DOT, ADR/RID/ADN, IMDG, IATA	Not Regulated
· 14.3 Transport hazard class(es) · DOT, ADR/RID/ADN, IMDG, IATA · Class	Not Regulated
· 14.4 Packing group · DOT, ADR/RID/ADN, IMDG, IATA	Not Regulated
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II 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.

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.
· 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**
H226 Flammable liquid and vapour.

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- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 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: Persistent, Bio-accumulable, Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1B: Skin sensitisation – Category 1B
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- 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/sorinternet/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., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.
- Safety Data Sheets, Individual Manufacturers

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