

# Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations


Printing date: March 05, 2019

Revision: March 05, 2019

## 1 Identification

- **Product identifier**
- **Trade name:** Lime Basil & Mandarin Gologne
- **Product code:** FR9279
- **Recommended use and restriction on use**
- **Recommended use:** Fragrance
- **Restrictions on use:** No relevant information available.
- **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 +86-20-82603966
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Flam. Liq. 4 H227 Combustible liquid.  
Acute Tox. 4 H302 Harmful if swallowed.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**  
  
GHS07
- **Signal word:** Warning
- **Hazard statements:**  
H227 Combustible liquid.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.
- **Precautionary statements:**  
P210 Keep away from flames and hot surfaces. – No smoking.  
P261 Avoid breathing mist, vapors, or spray.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

(Cont'd. on page 2)

**Safety Data Sheet**

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 1)

P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves and eye protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	If on skin: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards** There are no other hazards not otherwise classified that have been identified.

**3 Composition/information on ingredients**

- **Chemical characterization: Mixtures**

- **Components:**

120-51-4	Benzyl benzoate	10-30%
	⚠ Acute Tox. 4, H302	
58430-94-7	3,5,5-trimethylhexyl acetate	10-30%
	⚠ Skin Irrit. 2, H315	
	Flam. Liq. 4, H227	
127-51-5	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	1-5%
	Eye Irrit. 2B, H320	
1205-17-0	alpha-methyl-1,3-benzodioxole-5-propionaldehyde	1-5%
	⚠ Skin Sens. 1B, H317	
8008-56-8	Lemon, ext.	1-5%
	⚠ Flam. Liq. 3, H226	
	⚠ Asp. Tox. 1, H304	
	⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	
	Eye Irrit. 2B, H320	
5182-36-5	2,4,6-trimethyl-4-phenyl-1,3-dioxane	1-5%
	⚠ Acute Tox. 3, H301	
78-70-6	Linalool	1-5%
	⚠ Eye Irrit. 2A, H319; Skin Sens. 1B, H317	
	Flam. Liq. 4, H227	
115-95-7	Linalyl acetate	1-5%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317	
	Flam. Liq. 4, H227	

- **Additional information:**

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

(Cont'd. on page 3)



## Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 2)

### 4 First-aid measures

- **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:**

Protect unharmed eye.

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; immediately call for medical help.

- **Most important symptoms and effects, both acute and delayed:**

Allergic reactions

Irritating to eyes and skin.

Gastric or intestinal disorders when ingested.

Causes skin irritation.

- **Danger:** Harmful if swallowed.

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

Contains alpha-methyl-1,3-benzodioxole-5-propionaldehyde, Lemon, ext., Linalool, Linalyl acetate. May produce an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

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

### 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

Foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water fog / haze

- **For safety reasons unsuitable extinguishing agents:** Water stream.

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

Combustible liquid.

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

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

- **Additional information:**

Eliminate all ignition sources if safe to do so.

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

(Cont'd. on page 4)



## Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 3)

### 6 Accidental release measures

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

Ensure adequate ventilation.  
Keep away from ignition sources.  
Use personal protective equipment as required.  
Particular danger of slipping on leaked/spilled product.

- **Environmental precautions**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Methods and material for containment and cleaning up**

Towel or mop up material and collect in a suitable container.  
For large spills, absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).  
Send for recovery or disposal in suitable receptacles.

- **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.

### 7 Handling and storage

- **Handling**

- **Precautions for safe handling:**

Avoid splashes or spray in enclosed areas.  
Use only in well ventilated areas.  
Avoid contact with the eyes and skin.  
Avoid breathing mist, vapors, or spray.

- **Information about protection against explosions and fires:**

Combustible liquid.  
Keep ignition sources away - Do not smoke.  
Protect from heat.

- **Conditions for safe storage, including any incompatibilities**

- **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed 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 oxidizing agents.

- **Specific end use(s)** No relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

(Cont'd. on page 5)

## Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 4)

- **Exposure controls**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
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.  
Avoid contact with the eyes and skin.
- **Engineering controls:** Provide adequate ventilation.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
Nitrile rubber, NBR  
Neoprene gloves  
Butyl rubber, BR
- **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 relevant information available.
- **Risk management measures** No relevant information available.

### 9 Physical and chemical properties

#### · Information on basic physical and chemical properties

##### · Appearance:

**Form:** Liquid  
**Color:** According to product specification

· **Odor:** Pleasant  
· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** >81 °C (>177.8 °F)

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

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

· **Decomposition temperature:** Not determined.

(Cont'd. on page 6)

**Safety Data Sheet**

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 5)

- |   |                                    |
|---|------------------------------------|
| · <b>Danger of explosion:</b>                     | Not determined.                    |
| · <b>Explosion limits</b>                         |                                    |
| <b>Lower:</b>                                     | Not determined.                    |
| <b>Upper:</b>                                     | Not determined.                    |
| · <b>Oxidizing properties:</b>                    | Non-oxidizing.                     |
| · <b>Vapor pressure:</b>                          | Not determined.                    |
| · <b>Density:</b>                                 |                                    |
| <b>Relative density at 25 °C (77 °F):</b>         | 0.926                              |
| <b>Vapor density:</b>                             | Not determined.                    |
| <b>Evaporation rate:</b>                          | Not determined.                    |
| · <b>Solubility in / Miscibility with Water:</b>  | Not miscible or difficult to mix.  |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                    |
| · <b>Viscosity</b>                                |                                    |
| <b>Dynamic:</b>                                   | Not determined.                    |
| <b>Kinematic:</b>                                 | Not determined.                    |
| · <b>Other information</b>                        | No relevant information available. |

**10 Stability and reactivity**

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**  
Combustible liquid.  
Reacts with oxidizing agents.  
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 atomized.  
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products**  
Under fire conditions only:  
Carbon monoxide and carbon dioxide

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:** Harmful if swallowed.
- **LD/LC50 values that are relevant for classification:**  
120-51-4 Benzyl benzoate

(Cont'd. on page 7)

**Safety Data Sheet**

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 6)

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

**127-51-5 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one**

Oral LD50 >5000 mg/kg (rat)

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

Oral LD50 3600 mg/kg (rat)

- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Causes eye irritation.
- **Sensitization:** Sensitization possible through skin contact.

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

None of the ingredients are listed.

**NTP (National Toxicology Program):**

None of the ingredients are listed.

**OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

**Probable route(s) of exposure:**

Ingestion.  
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.

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity**  
Toxic 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**

LC50 7.7 mg/l (pimephales promelas)

**127-51-5 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one**

LC50 1.428 mg/l (fish)  
EC50 (static) 1.45 mg/l (daphnia)

- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.

(Cont'd. on page 8)

# Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**





(Cont'd. of page 7)

- **Additional ecological information**
- **General notes:** Avoid release to the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

- **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 packagings**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> </ul>  | <p>Not regulated.<br/>UN3082</p>  |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> </ul>  | <p>Not regulated.<br/>ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br/>LIQUID, N.O.S. (Benzyl benzoate, 3,5,5-trimethylhexyl<br/>acetate)</p> |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> <li>· <b>Class</b></li> </ul>   | <p>Not regulated.</p>   |
| <ul style="list-style-type: none"> <li>· <b>ADR/RID/ADN</b></li> </ul> <div>   </div> |   |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>  | <p>9 (M6)<br/>9</p>   |
| <ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul> <div>   </div>  |   |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> </ul>  | <p>9</p>  |

(Cont'd. on page 9)



**Safety Data Sheet**

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 8)

· <b>Label</b>	9
· <b>Packing group</b>	
· <b>DOT</b>	Not regulated.
· <b>ADR/RID/ADN, IMDG, IATA</b>	III
· <b>Environmental hazards</b>	Product contains environmentally hazardous substances: 3,5,5-trimethylhexyl acetate, Benzyl benzoate
· <b>Marine pollutant:</b>	Symbol (fish and tree)
· <b>Special precautions for user</b>	Warning: Miscellaneous dangerous substances and articles
· <b>Danger code (Kemler):</b>	90
· <b>EMS Number:</b>	F-A,S-F
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for liquids or 5 kg or less for solids per the following: ADR: SP 375 IMDG: 2.10.2.7 IATA: special provision A197
· <b>DOT</b>	
· <b>Remarks:</b>	Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed.

(Cont'd. on page 10)

**Safety Data Sheet**

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

(Cont'd. of page 9)

**• Proposition 65 (California)****• Chemicals known to cause cancer:**

None of the ingredients are listed.

**• Chemicals known to cause developmental toxicity for females:**

None of the ingredients are listed.

**• Chemicals known to cause developmental toxicity for males:**

None of the ingredients are listed.

**• Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**• EPA (Environmental Protection Agency):**

None of the ingredients are listed.

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

None of the ingredients are listed.

**• Canadian Domestic Substances List (DSL) (Substances not listed.):**

All ingredients listed on DSL or NDSL.

**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.

**• 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

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

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety &amp; Health Administration

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

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

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Asp. Tox. 1: Aspiration hazard – Category 1

**• 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.

(Cont'd. on page 11)



## Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: March 05, 2019

Revision: March 05, 2019

**Trade name: Lime Basil & Mandarin Gologne**

Safety Data Sheets, Individual Manufacturers

(Cont'd. of page 10)

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