

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**

Page 1 of 8  
2016-10-25

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

### 1.1 Product identifier

**Trade Name:** Lime Basil & Mandarin Jo Malone Type

**Product/Sales No:**

### 1.2 Relevant identified product use

**Intended use:** Compound used in customer substance/mixture/product

### 1.3 Details of the manufacturer/supplier of the safety data sheet

**Manufacturer:**

### 1.4 Emergency telephone number

**(800) 255-3924** Domestic USA, Canada, Puerto Rico, and US Virgin Islands

**+1 813 248-0585** International

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

#### Classification according to GHS and (EC) No 1272/2008 (CLP)

Flammable Liquids, Category 4	H227: Combustible liquid
Acute Toxicity Oral, Category 4	H302: Harmful if swallowed
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child
Aquatic Acute Toxicity, Category 1	H400: Very Toxic to aquatic life
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

#### Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIA Combustible Liquid
Acute Dermal/Eye	12 : Causes skin irritation. 15 : May cause eye irritation. 19 : May cause photo-induced skin irritation.
Acute Oral	3 : May be harmful if swallowed or if aspirated into the lungs
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, spleen, bone marrow, thyroid, male reproductive system. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, bone marrow, skin, testes

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**

Page 2 of 8  
2016-10-25

Carcinogenicity

This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

#### Hazard pictograms



**Signal Word: Warning**

#### Hazard statements

H227	Combustible liquid
H302	Harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H361	Suspected of damaging fertility or the unborn child
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

#### Precautionary Statements

##### Prevention:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P235	Keep cool
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

##### Response:

P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth
P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect Spillage

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**Page 3 of 8  
2016-10-25

## 2.3 Other Hazards

no data available

## 3. Composition/Information on Ingredients

### 3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	60 - 70 %	H302; H313; H400; H411	28, 3
24851-98-7 <i>Methyl Dihydrojasmonate</i>	246-495-9	5 - 10 %	H402	
68917-33-9 <i>Citrus Limon Peel Oil Terpenes</i>	284-515-8	2 - 5 %	H226; H304; H315; H400; H410	12, 3, 31
80-54-6 <i>Butylphenyl Methylpropional</i>	201-289-8	2 - 5 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39
115-95-7 <i>Linalyl acetate</i>	204-116-4	2 - 5 %	H227; H315; H319; H401; H402	
68647-72-3 <i>Limonene</i>	232-433-8	2 - 5 %	H226; H304; H315; H317; H400; H410	12, 3, 31
78-70-6 <i>Linalool</i>	201-134-4	2 - 5 %	H227; H303; H315; H317; H319; H402	12, 26
107-75-5 <i>Hydroxycitronellal</i>	203-518-7	2 - 5 %	H317; H319; H402	11, 15, 31
1205-17-0 <i>a-Methyl-1,3-benzodioxole-5-propionaldehyde</i>	214-881-6	1 - 2 %	H303; H317; H401; H411	
18479-58-8 <i>2,6-dimethyloct-7-en-2-ol</i>	242-362-4	1 - 2 %	H227; H303; H315; H319; H402	11, 15
127-51-5 <i>a-Isomethyl ionone</i>	204-846-3	1 - 2 %	H315; H317; H320; H401; H411	11, 15, 19, 26, 28, 31
5182-36-5 <i>2,4,6-Trimethyl-4-phenyl-1,3-dioxane</i>	225-963-6	1 - 2 %	H302; H402; H412	
32210-23-4 <i>4-tert-Butylcyclohexyl acetate</i>	250-954-9	0.1 - 1.0 %	H303; H317; H401	11, 15
58567-11-6 <i>Formaldehyde cyclododecyl ethyl acetal</i>	261-332-1	0.1 - 1.0 %	H315; H317; H401; H411	12
32388-55-9 <i>Acetyl cedrene</i>	251-020-3	0.1 - 1.0 %	H316; H317; H400; H410	16, 19
5392-40-5 <i>Citral</i>	226-394-6	0.1 - 1.0 %	H313; H315; H317; H319; H401	26
8008-26-2 <i>Citrus aurantifolia (Lime) oil</i>	290-010-3	0.1 - 1.0 %	H226; H304; H315; H317; H319; H401; H411	12, 3, 31

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**Page 4 of 8  
2016-10-25

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
101-86-0 <i>Hexyl cinnamaldehyde</i>	202-983-3	0.1 - 1.0 %	H303; H316; H317; H400; H411	11, 15
105-87-3 <i>Geranyl acetate</i>	203-341-5	0.1 - 1.0 %	H315; H317; H401; H412	11, 15
6485-40-1 <i>I-Carvone</i>	229-352-5	0.1 - 1.0 %	H227; H313; H317; H401	11, 15

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 8.37

## 4. First Aid Measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
<b>Eye Exposure:</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>Skin Exposure:</b>	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
<b>Ingestion:</b>	Rinse mouth with water and obtain medical advice.

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

<b>Symptoms:</b>	no data available
<b>Risks:</b>	Refer to Section 2.2 "Hazard Statements"

### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Treatment:</b>	Refer to Section 2.2 "Response"
-------------------	---------------------------------

## 5. Fire-Fighting measures

### 5.1 Extinguishing media

<b>Suitable:</b>	Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam
<b>Unsuitable</b>	Do not use a direct water jet on burning material

### 5.2 Special hazards arising from the substance or mixture

<b>During fire fighting:</b>	Water may be ineffective
------------------------------	--------------------------

### 5.3 Advice for firefighters

<b>Further information:</b>	Standard procedure for chemical fires
-----------------------------	---------------------------------------

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

### 6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**

Page 5 of 8  
2016-10-25

## 6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

## 6.4 Reference to other sections

Not Applicable

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

### 7.3 Specific end uses

No information available

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

**Exposure Limits:** Contains no substances with occupational exposure limit values

**Engineering Controls:** Use local exhaust as needed.

### 8.2 Exposure controls - Personal protective equipment

**Eye protection:** Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

**Respiratory protection:** Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

**Skin protection:** Avoid Skin contact. Use chemically resistant gloves as needed.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Conforms to Standard

**Odor:** Conforms to Standard

**Color:** Tint to Pale Yellow

**Viscosity:** Liquid

**Freezing Point:** Not determined

**Boiling Point:** Not determined

**Melting Point:** Not determined

**Flashpoint (CCCFP):** 181 F (82.78 C)

**Auto flammability:** Not determined

**Explosive Properties:** None Expected

**Oxidizing properties:** None Expected

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**Page 6 of 8  
2016-10-25

Vapor Pressure (mmHg@20 C):	0.0991
%VOC:	8.7503
Specific Gravity @ 25 C:	1.0385
Density @ 25 C:	1.0355
Refractive Index @ 20 C:	1.5300
Soluble in:	Oil

## 10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	None known

## 11. Toxicological Information

### 11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 1,872.46) Harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4,160.75) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 70.04) May be harmful if inhaled
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Suspected of damaging fertility or the unborn child
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

## 12. Ecological Information

### 12.1 Toxicity

Acute aquatic toxicity	Very Toxic to aquatic life
Chronic aquatic toxicity	Toxic to aquatic life with long lasting effects
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**Page 7 of 8  
2016-10-25

<b>12.2 Persistence and degradability</b>	no data available
<b>12.3 Bioaccumulative potential</b>	no data available
<b>12.4 Mobility in soil</b>	no data available
<b>12.5 Other adverse effects</b>	no data available

## 13. Disposal Conditions

### 13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. 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.

## 14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
<b>IATA (Air Cargo)</b> Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
<b>IMDG (Sea)</b> Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082

## 15. Regulatory Information

### U.S. Federal Regulations:

<b>TSCA (Toxic Substance Control Act):</b>	All components of the substance/mixture are listed or exempt
<b>40 CFR(EPCRA, SARA, CERCLA and CAA)</b>	This product contains NO components of concern.

### U.S. State Regulations:

<b>California Proposition 65 Warning</b> 123-35-3(NF 204-622-5 0.1 - 1.0 %	This product contains the following components: beta-Myrcene (NFS)
---	---

### Canadian Regulations:

<b>DSL / NDSL</b>	100.00% of the components are listed or exempt.
-------------------	---

## 16. Other Information

GHS H-Statements referred to under section 3

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42519.710304.11664356

Product: **Lime Basil & Mandarin Jo Malone Type**

Page 8 of 8  
2016-10-25

---

## Total Fractional Values

(TFV) Risk

(2.19) Skin Corrosion/Irritation, Category 2

(1.23) Eye Damage/Eye Irritation, Category 2A

(2.87) Aquatic Acute Toxicity, Category 1

(TFV) Risk

(3.50) Sensitization, Skin, Category 1B

(1.17) Reproductive Toxicology, Category 2

(6.21) Aquatic Chronic Toxicity, Category 2

**Department issuing data sheet:**

**Department E-mail address:**

Remarks

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.