

SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006

Product: LUMO Sensual Essential Oil Blend

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: LUMO Essential Oil Blend 007 (Contains: lsoeugenol, alpha-Pinene, beta-Pinene, d-Limonene) None

Other identifiers:

Unique Formula Identifier (UFI):

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: MirTa's Cosmetics Oy

Company address: Kranstolpantie 62
33980 PIRKKALA

Contact:

E-Mail address: info@mirtascosmetics.fi

Company phone: +358504756505

1.4 Emergency telephone number

Emergency phone:

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
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.
H410, Very toxic to aquatic life with long lasting effects.

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2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: 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.
H410, Very toxic to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains Benzyl salicylate, Farnesol, Geraniol, Linalool, Terpinolene, beta-Caryophyllene. May produce an allergic reaction.

Precautionary statements: P273, Avoid release to the environment.
P391, Collect spillage.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P280, Wear protective gloves/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P405, Store locked up.

Pictograms:



2.3 Other hazards

Other hazards: Sensitisers declared on a CLP Hazard Label: Benzyl salicylate, Farnesol, Geraniol, Linalool, Terpinolene, beta-Caryophyllene
Hydrocarbon Concentration %: 35.8333%

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Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
beta-Pinene	127-91-3	204-872-5		10-<20%	Flam. Liq. 3-Skin Irrit. Tox 1-Aquatic Acute 1-H226-H304-H315- H317-H410,- Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H302-H304-H315-H317-H410,-	2-Skin Sens. 1B-Asp. 1- Aquatic Chronic 1; M = 1
alpha-Pinene	80-56-8	201-291-9		10-<20%	Aquatic Chronic 1; H226-H302-H304-H315-H317-H410,- Aquatic Chronic 2; H411,- Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H304-H315-H317-H410,-	M = 1-oral: ATE = 500 mg/kg bw
Patchouli alcohol	5986-55-0	227-807-2		10-<20%	Aquatic Chronic 1; H226-H304-H315-H317-H410,- Skin Irrit. 2-Eye Irrit. 2-Asp. Tox 1;H304-H315-H319,- Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400-mg/kg bw-oral: ATE =	
d-Limonene	5989-27-5	227-813-5		5-<10%	Skin Irrit. 2-Eye Irrit. 2-Asp. Tox 1;H304-H315-H319,- Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400-mg/kg bw-oral: ATE =	
alpha-Guaiene	3691-12-1			1-<5%		
Benzyl benzoate	120-51-4	204-402-9		1-<5%		dermal: ATE = 4000 1500 mg/kg bw oral: ATE = 1900 mg/kg bw
p-Methylanisole	104-93-8	203-253-7		1-<5%	Acute Tox. 4-Skin Irrit. 2-Repr. 2;H302-H315-H361,-	oral: ATE = 1300 mg/kg bw
Methyl benzoate	93-58-3	202-259-7		1-<5%	Acute Tox. 4;H302,-	oral: ATE = 2200 mg/kg bw
Benzyl salicylate	118-58-1	204-262-9		1-<5%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-	mg/kg bw
Farnesol	4602-84-0	225-004-1		1-<5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	
beta-Caryophyllene	87-44-5	201-746-1		1-<5%	Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304-H317-H413,-	
Linalool	78-70-6	201-134-4		1-<5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	oral: ATE = 2790 mg/kg bw
Camphene	79-92-5	201-234-8		0.1-<1%	Flam. Sol. 2-Aquatic Acute 1-Aquatic Chronic 1;H228-H410,-	M = 1
Geraniol	106-24-1	203-377-1		0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318,-	oral: ATE = 3600 mg/kg bw
Terpinolene	586-62-9	209-578-0		0.1-<1%	Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H304-H317-H410,-	M = 1-oral: ATE = 3775 mg/kg bw

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Myrcene	123-35-3	204-622-5		0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 2; H226-H304-H315- H319-H400-H411,- Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-dermal: ATE = 1912
Isoeugenol	97-54-1	202-590-7		0.1-<1%	Skin Sens. 1A-STOT SE 3;H302-H312-H315-H317-H319-H332-H335,- mg/kg bw-oral: ATE = 1500 mg/kg bw

Substances with Community workplace exposure limits:

Not Applicable

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

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5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

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8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	61 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	Not determined
Relative vapour density:	Not determined
Particle characteristics:	Not determined

9.2 Other information:

None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

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10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	3570
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
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:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Benzyl benzoate	120-51-4	204-402-9	1500	4000 Not	Not available	Not available
Methyl benzoate	93-58-3	202-259-7	1300	available Not	Not available	Not available
alpha-Pinene p-	80-56-8	201-291-9	500	available Not	Not available	Not available
Methylanisole	104-93-8	203-253-7	1900	available	Not available	Not available

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Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties: Not Applicable

12.7 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Wastetreatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Pinene, beta-Pinene)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Pinene, beta-Pinene) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Pinene, beta-Pinene)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Pinene, beta-Pinene)	9	-	III

14.5 Environmental hazards:

This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user:

None additional

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH A1=74.04% EH C1=80.30% EH C2=7.72% EH C3=0.77128753% SCI 2=25.97% EDI 2=98.36% SS 1=8.57% EH C4=54.19% AH 1=27.91%

Total Fractional Values: EH A1=1.35 EH C1=1.25 EH C2=12.96 EH C3=129.65 SCI 2=3.85 EDI 2=1.02 SS 1=11.67 EH C4=1.85 AH 1=3.58

Key to revisions:

Concentration % Limits Endocrine Disruptor
Ingredient Details SECTION 3:
Composition/information on ingredients Total
Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4 Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4 Hazardous to the Aquatic
Acute Tox. 4	Environment - Acute Hazard Category 1 Hazardous to the Aquatic
Aquatic Acute 1	Environment - Long-term Hazard Category 1 Hazardous to the Aquatic
Aquatic Chronic 1	Environment - Long-term Hazard Category 2 Hazardous to the Aquatic
Aquatic Chronic 2	Environment - Long-term Hazard Category 3 Hazardous to the Aquatic
Aquatic Chronic 3	Environment - Long-term Hazard Category 4 Aspiration Hazard
Aquatic Chronic 4	Category 1 Eye Damage / Irritation Category 1 Eye Damage / Irritation
Asp. Tox 1	Category 2 Flammable Liquid, Hazard Category 3 Flammable Solid,
Eye Dam. 1	Hazard Category 2 Flammable liquid and vapour. Flammable solid.
Eye Irrit. 2	Harmful if swallowed. May be fatal if swallowed and enters airways.
Flam. Liq. 3	Harmful in contact with skin. Causes skin irritation.
Flam. Sol. 2	
H226	
H228	
H302	
H304	
H312	
H315	

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P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction. Collect spillage. Store in
P391	a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep
P403/233	cool. Store locked up. Dispose of contents/container to approved disposal site, in accordance
P403/235	with local regulations. Toxic to Reproduction Category 2 Specific Target Organ Toxicity (Single
P405 P501	Exposure) Category 3 Skin Corrosion / Irritation Category 2 Sensitization - Skin Category 1
Repr. 2 STOT	Sensitization - Skin Category 1A Sensitization - Skin Category 1B
SE 3 Skin Irrit.	
2 Skin Sens.	
1 Skin Sens.	
1A Skin Sens.	
1B	

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.