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## PETITGRAIN LEMON OIL

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name**

PETITGRAIN LEMON OIL / 1076 Petitgrain citron

**Recommended Use**

Raw Material

**Manufacturer / Supplier Name**

Naturkosmetikkompaniet AB

Ullevi Enestorp 3

59491 Gamleby

Sverige

Phone number: 0493-53999

Fax number: 0493-12630

Email: [info@naturkosmetikkompaniet.se](mailto:info@naturkosmetikkompaniet.se)

**Emergency Contact Number:**

112

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**Classification according to the Regulation (EC) No 1272/2008**



Flammable Liquid Category 3

Aspiration Hazard Category 1

Eye Irritation Category 2A

Skin Irritation Category 2

Skin Sensitisation Category 1

Aquatic Chronic Toxicity Category 1

**Signal Word:**

Danger

**Hazard Statements**

H226 **Flammable liquid and vapour**

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**

**Precautionary Statements**

P210 **Keep away from heat/sparks/open flames/hot surfaces – No smoking**

P233 **Keep container tightly closed**

P240 **Ground/Bond container and receiving equipment**

P241 **Use explosion-proof electrical/ventilating/lighting/equipment**

P242/243 **Use only non-sparking tools. Take precautionary measures against static discharge**

P264 **Wash skin thoroughly after handling**

P272 **Contaminated work clothing should not be allowed out of the workplace**

P273 **Avoid release to the environment**

P280 **Wear protective gloves/eye protection/face protection**

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- P301/310 **IF SWALLOWED:** Immediately call a POISON CENTER or doctor  
 P302/352 **IF ON SKIN:** Wash with plenty of soap and water  
 P305/P351P338 **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**  
 P332/313 **If skin irritation occurs:** Get medical advice  
 P337/313 **If eye irritation persists:** Get medical advice  
 P362/P363 **Take off contaminated clothing and wash before reuse**  
 P370/378 **In case of fire:** Use foam, Dry Chemical or Carbon Dioxide (CO2) for extinction  
 P405 **Store locked up**  
 P501 **Dispose of contents/container in accordance with local regulations**

Classification according to the Directive 67/548/EEC or Directive 1999/45/EC



Xn Harmful  
 N Dangerous for the Environment

**Risk Phrases:**

- R10 Flammable  
 R36 Irritating to eyes  
 R38 Irritating to skin  
 R43 May cause sensitisation by skin contact  
 R50 Very toxic to aquatic organisms  
 R53 May cause long-term adverse effects in the aquatic environment  
 R65 Harmful: may cause lung damage if swallowed

**Safety Phrases:**

- S2 Keep out of reach of children  
 S16 Keep away from sources of ignition – No smoking  
 S24 Avoid contact with skin  
 S25 Avoid contact with eyes  
 S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre  
 S28 After contact with skin, wash immediately with plenty of soap and water  
 S36 Wear suitable protective clothing  
 S37 Wear suitable gloves  
 S39 Wear eye/face protection  
 S46 If swallowed, contact a doctor or Poisons Information Centre immediately and show this container or label

**Other hazards:**

None known

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

CAS No. (TSCA)	CAS No. (EC)	EINECS No.	Description	Range (%)
8048-51-9	84929-31-7	284-515-8	Oils, petitgrain lemon	100.0

**4. FIRST AID MEASURES**

**Inhalation:** Remove to fresh uncontaminated air, lay patient on back until breathing returns to normal. If necessary call a physician.

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**Skin:** Remove contaminated clothing and wash area well with copious amounts of water and soap. If irritation persists seek medical advice.

**Eye:** Flush eye with copious amounts of water for 15 minutes including under eyelid. Seek medical advice if necessary.

**Ingestion:** Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Call a physician or poison centre immediately.

**Medical Attention and Special Treatment:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Foam, Dry Chemical, Carbon Dioxide (CO<sub>2</sub>).

**Hazards from Combustion Products:** Carbon monoxide and other unidentified organic compounds may be formed during combustion.

**Precautions for Fire Fighters and Special Protective Equipment:** Do not use direct water jet on burning material. Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure.

**Hazchem Code:** .3Y

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient respiratory protection and full protective clothing to minimise skin and eye exposure. If possible contain the spill.

**Methods and Materials for Containment and Clean Up Procedures:**

Place an inert absorbent such as vermiculite, sand or dirt onto the material. Use clean, non-sparking tools to collect the material and place into a suitable, labelled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. If large quantities of this material enter the waterways, contact the Environmental Protection Authority, or your local Waste Management Authority.

### 7. HANDLING AND STORAGE

This material is classified as Dangerous [UN No. 1169] according to the criteria of Worksafe Australia and should be stored, maintained and used in accordance with the National Code of Practice for the Storage and Handling of Workplace Dangerous Goods [NOHSC:2017].

**Precautions for Safe Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventative fire protection.

**Conditions for Safe Storage:** Store in air tight containers, in a cool dry place, out of direct sunlight in low fire risk areas. Avoid all sources of ignition. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards:** No exposure standards have been established for this material by Work safe Australia.

However as a matter of course avoid repeated or prolonged contact with the skin. Keep out of eyes. Do not ingest. Use with good ventilation, do not breathe vapour. Sensitive individuals may develop an allergic response.

**Biological Limit values:** No biological limit allocated.

**Engineering Controls:** Natural ventilation should be sufficient, however where vapours of mists are generated the use of a grounded mechanical exhaust ventilation system is recommended.

**Personal Protective Equipment (PPE):**

**Eye/face protection:** Use splash-proof safety glasses and face shield where splashing is possible.

**Skin protection:** Clean overalls should be worn. Use impervious rubber gloves to avoid repeated or prolonged skin contact; depending on conditions in the workplace, additional body protection should be considered.

**Respiratory protection:** Usually not required in a well-ventilated area. In confined or poorly ventilated area approved respiratory masks may be required.

**Thermal hazards:** Not applicable.



### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Yellow to amber
<b>Odour:</b>	Fresh, floral, petitgrain, lemon
<b>Specific Gravity, H<sub>2</sub>O=1:</b>	0.861 to 0.890 at 20°C
<b>Boiling Point (°C):</b>	Not available
<b>Solubility in Water:</b>	Insoluble
<b>Vapour Pressure 760 mm Hg:</b>	Not available
<b>Flash Point c.c. (°C):</b>	58

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**Flammable Limits in Air (Lower) (°C):** Not available  
**Flammable Limits in Air (Upper) (°C):** Not available

### 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under the recommended storage conditions (see section 7).  
**Conditions to Avoid:** Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.  
**Incompatible Materials:** Keep away from oxidising agents and from highly alkaline or acidic material.  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide and unidentified organic compounds.  
**Hazardous Reactions:** Exothermic reactions.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:  
**Ingestion:** Harmful may cause lung damage. Full strength material may cause irritation to mouth and upper digestive tract if swallowed.  
**Inhalation:** Full strength material may cause irritation to the mucous membrane and upper airways.  
**Skin Exposure:** Full strength material in repeated or prolonged contact with skin may be irritating and cause allergic reaction in sensitive individuals.  
**Eye Exposure:** Full strength material may be highly irritating to eyes.  
**Long Term Effects:** The long term effects of this substance have not been fully investigated.  
**Toxicological Data:** No data available for this substance.

### 12. ECOLOGICAL INFORMATION

**Eco toxicity:** Avoid contaminating waterways.  
**Persistence/Degradability:** No tested data available on this product.  
**Mobility:** Prevent contamination of soil, ground and surface water.  
**Additional Information:** Prevent this material entering waterway, drain or sewer.

### 13. DISPOSAL INFORMATION

**Disposal Methods:** Disposal of this material should be undertaken by a licensed Waste Disposal Contractor.

### 14. TRANSPORT INFORMATION

**Road and Rail Transport (ARD/RID):**

UN number: UN1169  
 Proper Shipping Name: EXTRACT, AROMATIC, LIQUID  
 Class: 3  
 Packing Group: III  
 Hazchem Code: .3Y

**Air Transport (IATA):**

UN number: UN1169  
 Proper Shipping Name: EXTRACT, AROMATIC, LIQUID  
 Class: 3  
 Packing Group: III

**Maritime Transport (IMDG):**

UN number: UN1169  
 Proper Shipping Name: EXTRACT, AROMATIC, LIQUID  
 Class: 3  
 Packing Group: III  
 EmS: F-E, S-D  
 Marine Pollutant: Yes

### 15. REGULATORY INFORMATION

According to the criteria of NOHSC, this material is classified as; HAZARDOUS SUBSTANCE, DANGEROUS GOODS.  
**Additional information:**  
 HS Tariff Code: 3301.29.00

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**Poison Schedule (SUSMP):** Not applicable

**16. OTHER INFORMATION**

**Revisions Made:** Initial revision, SDS format – JJ 20/10/2016

**Date of Issue:** 20/10/2016

**Other Information:**

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

National Code of Practice for the Storage and Handling of Workplace Dangerous Goods [NOHSC: 2017 (2001)]

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) 3<sup>rd</sup> Edition 2009

Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 (2004)]

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## **DECLARATION OF ALLERGENS**

**Product Name:** PETITGRAIN LEMON OIL

Petitgrain citron

To the best of our knowledge, this product contains the following amounts of fragrance ingredients listed as the 26 regulated allergens in the EU Cosmetic Regulation (EC) No 1223/2009 by the Scientific Committee on Consumer Safety (SCCS). The threshold limits for leave-on products is 0.001% and rinse-off products is 0.01%. Beyond these limits, the allergens must be labelled.

<b>Annex III Ref.</b>	<b>Substance</b>	<b>INCI Name</b>	<b>CAS No</b>	<b>Amount %</b>
67	Amyl cinnamal	Amyl cinnamal	122-40-7	Absent
68	Benzyl alcohol	Benzyl alcohol	100-51-6	Absent
69	Cinnamyl alcohol	Cinnamyl alcohol	104-54-1	Absent
70	Citral	Citral	5392-40-5	27.5
71	Eugenol	Eugenol	97-53-0	0.1
72	Hydroxy-citronellal	Hydroxycitronellal	107-75-5	Absent
73	Isoeugenol	Isoeugenol	97-54-1	Absent
74	Amylcinnamyl alcohol	Amylcinnamyl alcohol	101-85-9	Absent
75	Benzyl salicylate	Benzyl salicylate	118-58-1	Absent
76	Cinnamal	Cinnamal	104-55-2	Absent
77	Coumarin	Coumarin	91-64-5	Absent
78	Geraniol	Geraniol	106-24-1	1.4
79	Hydroxy-methylpentylcyclohexene carboxaldehyde <sup>1</sup>	Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-04	Absent
80	Anisyl alcohol	Anise alcohol	105-13-5	Absent
81	Benzyl cinnamate	Benzyl cinnamate	103-41-3	Absent
82	Farnesol	Farnesol	4602-84-0	Absent
83	2-(4-tert-Butylbenzyl) propionaldehyde <sup>2</sup>	Butylphenyl methylpropional	80-54-6	Absent
84	Linalool	Linalool	78-70-6	0.9
85	Benzyl benzoate	Benzyl benzoate	120-51-4	Absent
86	Citronellol	Citronellol	106-22-9	1.2
87	Hexyl cinnamaldehyde	Hexyl cinnamal	101-86-0	Absent
88	d-Limonene	Limonene	5989-27-5	42.9
89	Methyl heptin carbonate	Methyl 2-octynoate	111-12-6	Absent
90	Methyl ionone, mixed isomers	Alpha-isomethyl ionone	1335-46-2	Absent
91	Oakmoss extract	Evernia prunastri extract	90028-68-5	Absent
92	Treemoss extract	Evernia furfuracea extract	900-28-67-4	Absent

**CERTIFICATE OF COMPLIANCE**  
**IFRA – 48<sup>th</sup> AMENDMENT**

**PRODUCT NAME:** PETITGRAIN LEMON OIL  
Petitgrain citron

We hereby certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA 48<sup>th</sup> amendment), provided it is used in the following concentration levels for the categories listed:

CATEGORIES		MAXIMUM USAGE (%)	CATEGORIES		MAXIMUM USAGE (%)
1	-	0.14	6	-	3.63
2	-	0.18	7	Class 7a	0.36
3	Class 3a	0.72		Class 7b	0.36
	Class 3b	0.72	8	Class 8a	2.00
	Class 3c	0.72		Class 8b	2.00
	Class 3d	0.72	9	Class 9a	5.00
4	Class 4a	2.18		Class 9b	5.00
	Class 4b	2.18		Class 9c	5.00
	Class 4c	2.18	10	Class 10a	2.50
	Class 4d	2.18		Class 10b	2.50
5	-	1.09	11	-	Not restricted

This safety evaluation applies only to the use of the above named product and product types. Use in other product types or at higher concentrations should be the subject of a separate safety evaluation by the supplier.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if required.

## ANNEX: Definition of IFRA Classes

Finished product types	IFRA Classes
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured etc...); Children's Toys	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...); Nose pore strips; Fragranced Bracelets	Class 2
Hydroalcoholic products applied to recently shaved skin (EDT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (Fine Fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils, Body Paint for Children	Class 3.C
Tampons	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EDT range); Ingredients of Perfume Kits; Scent Strips for Hydroalcoholic Products; Foot Care Products	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range)	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant; Body Creams, Oils, Lotions of all types (excluding baby creams, lotions, oils); Fragrance Compounds for Cosmetic Kits, Foot Care Products; Body Paint for Adults	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream; Hand Sanitizers; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (excluding hair dye); Wipes or refreshing tissues for Face, Neck, Hands, Body, Dry/Waterless Shampoo	Class 5
Mouthwash, including breath sprays; Toothpaste	Class 6
Intimate Wipes; Baby Wipes	Class 7.A
Insect Repellent (intended to be applied to the skin)	Class 7.B
Make-up Removers of all types (excluding face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...); Nail Care; Powders & Talcs (excluding baby powders and talcs)	Class 8.A
Hair Dyes	Class 8.B
Liquid Soap; Bar Soap (toilet soap); Depilatory (excluding waxes for mechanical hair removal); Conditioner (rinse-off), Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc...); Shaving Creams of all types (stick, gels, foams, etc...); Body Washes of all types (including baby washes); Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater; All depilatories (including waxes for mechanical hair removal).	Class 9.A



Feminine hygiene pads / liners; Toilet Paper; Wheat Bags	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray); Facial Tissues, Napkins, Paper Towels,	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches; Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...); Dry Cleaning Kits; Fabric Softeners of all types including fabric softener sheets; Hand Dishwashing Detergent; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...); Shampoos for pets	Class 10.A
Diapers; Toilet seat wipes	Class 10.B
All non-skin contact or incidental skin contact, including: Candles; Air fresheners and Fragrancing of all types ( <u>concentrated aerosol with metered doses (range 0.05-0.5mL/spray)</u> ), plus-ins, solid substrate, membrane delivery, electrical); Air Delivery Systems; Cell phone cases; Potpourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed Diffusers; Liquid refills for air fresheners (cartridge systems); Shoe polishes; Deodorisers/Maskers not intended for skin contact (e.g. fabric drying machine deodorisers, carpet powders); Insecticides (mosquito coil, paper, electrical, for clothing etc...) excluding aerosols; Scent delivery system using air dry technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet blocks; Joss sticks or Incense Sticks; Machine Dishwashing Detergent and Deodorisers; Machine-only Laundry Detergent (e.g. liquid tabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics); Floor wax, Odoured Distilled Water (that can be added to steam irons)	Class 11