

Product	YZS-1611-	FRAGRANCE OIL PATCHOULI & LIME	
Version	5.0	Revisiondate 19-07-2018	Printdate 31-01-2019

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

1.1 Product identifier MULTI-COMPONENT MIXTURE
Product code YZS-1611-
FRAGRANCE OIL PATCHOULI & LIME

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

Intended Use Fragrances Perfume compound

1.3 Details of the supplier of the safety data sheet

Company Gildewerk B.V.
A. Hofmanweg 41
2031 BH Haarlem
The Netherlands
Tel. 31 - (0)23 - 532 22 55
Fax 31 - (0)23 - 534 09 65
E-mail: holland@gildewerk.com

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

H226 Flammable liquid and vapour. Flammable liquids (FL) Category 3
H304 May be fatal if swallowed and enters airways. Aspiration hazard (AH) Category 1
H315 Causes skin irritation. Skin corrosion/irritation (SCI) Category 2
H317 May cause an allergic skin reaction. Sensitization, skin (SS 1 / 1B) Category 1
H319 Causes serious eye irritation. Serious eye damage/eye irritation (EDI) Category 2A
H400 Very toxic to aquatic life. Hazardous to the aquatic environment, acute hazard (EH A) Category 1
H410 Very toxic to aquatic life with long lasting effects. Hazardous to the aquatic environment, long-term hazard (EH C) Category 1

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



GHS02



GHS07



GHS08



GHS09

Signalword

DANGER

Hazard statements

H226 Flammable liquid and vapour.
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H315 Causes skin irritation.
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Precautionary statements

- Prevention P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
- Response P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P361 Remove/Take off immediately all contaminated clothing.
P391 Collect spillage.

Hazardous components which must be listed on the label:

camphene
caryophellene crude
α-cedrene
cedrol
1,8-cineole
phenol, 4allyl-2-methoxy
guaiac wood oil
limonene
linalool
linalyl acetate
tr-menthone
1,6-octadiene,7-methyl-3-methylene-
α-pinene
l-beta-pinene
para-menthen-1-ol-8
2-mentha-1,4(8)-diene

2.3 Other hazards no data available

3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Product **YZS-1611- FRAGRANCE OIL PATCHOULI & LIME**
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<u>Chemical Name</u>	<u>CAS-Nr.</u> <u>REACH reg.</u>	<u>(REGULATION (EC) No 1272/2008)</u>	<u>Concentration [%]</u>
camphene	79-92-5 01-2119446293-40-xxxx	H228Flammable solids (FS)1, 2 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	0,1 - 1%
caryophelene crude	87-44-5 01-2120745237-53-0000	H304Aspiration hazard (AH)Category 1 H317Sensitization, skin (SS 1 / 1B)Category 1	0,1 - 1%
a-cedrene	469-61-4 Pre-Registration process	H304Aspiration hazard (AH)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	1 - 5%
cedrol	77-53-2 Pre-Registration process	H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	1 - 5%
1,8-cineole	470-82-6 01-2119967772-24-xxxx	H226Flammable liquids (FL)Category 3 H317Sensitization, skin (SS 1 / 1B)Category 1	1 - 5%
phenol, 4allyl-2-methoxy	97-53-0 01-2119971802-33-xxxx	H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
guaiac wood oil	89958-10-1 01-2120138621-63-0000	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	1 - 5%
limonene	5989-27-5 01-2119529223-47-xxxx	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	25 - 50%

Product	YZS-1611-	FRAGRANCE OIL PATCHOULI & LIME	
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linalool	78-70-6	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
	01-2119474016-42-xxxx		
linalyl acetate	115-95-7	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
	01-2119454789-19-xxxx		
tr-menthone	89-80-5	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1	0,1 - 1%
	01-2120741994-43-0000		
1,6-octadiene,7-methyl-3-methylene-	123-35-3	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	1 - 5%
	01-2119514321-56-xxxx		
alpha-pinene	80-56-8	H226Flammable liquids (FL)Category 3 H302Acute toxicity, oral (ATO)Category 4 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	1 - 5%
	01-2119519223-49-xxxx		
l-beta-pinene	18172-67-3	H226Flammable liquids (FL)Category 3 H304Aspiration hazard (AH)Category 1 H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	1 - 5%
	01-2119519230-54-0000		
paramenthen-1-ol-8	8000-41-7	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A	5 - 10%
	01-2119553062-49-xxxx		
2-mentha-1,4(8)-diene	586-62-9	H304Aspiration hazard (AH)Category 1 H317Sensitization, skin (SS 1 / 1B)Category 1 H400Hazardous to the aquatic environment, acute hazard (EH A)Category 1 H410Hazardous to the aquatic environment, long-term hazard (EH C)Category 1	5 - 10%
	01-2119982325-32-xxxx		

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For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

General advice	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	If on skin, rinse well with water.
In case of eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	no data available
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	no data available
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5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Dry chemical Alcohol-resistant foam Carbon dioxide (CO ₂) Water spray
Unsuitable extinguishing media	High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	Do not allow run-off from fire fighting to enter drains or water courses.
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5.3 Advice for firefighters

Special protective equipment for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary.
Further information	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment.
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6.2 Environmental precautions

Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
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6.4 Reference to other sections

	not applicable
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7. Handling and storage

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7.1 Precautions for safe handling

Advice on safe handling	Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.
Advice on protection against fire and explosion	Normal measures for preventive fire protection.
Temperature class	no data available
Fire-fighting class	no data available
Dust explosion class	no data available

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
Further information on storage conditions	no data available
Advice on common storage	no data available
German storage class	no data available
Other data	No decomposition if stored and applied as directed.

7.3 Specific end uses

Specific use(s)	no data available
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8. Exposure controls/personal protection

8.1 Control parameters

CAMPHOR

Workingprogram : Limits Finland 2007 Limits : 0,3 parts per million Publication : Julkaisuja 2007:4
Workingprogram : Limits Denemarken 2007 Limits : 2 parts per million Publication : Arbejdstilsynet; Grænseværdier for stoffer og materialer, augustus 007 (publicatie C.0.1)
Workingprogram : Limits Frankrijk 2008 Limits : 2 parts per million Publication : Valeurs limites d'exposition professionnelle aux agents chimiques en France; INRS ED 984; juni 2008
Workingprogram : Limits Noorwegen 2010 Limits : 2 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave november 2009; Arbejdstilsynet
Workingprogram : Limits België 2009 Limits : 2 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009 - 2065
Workingprogram : Limits Oostenrijk 2007 Limits : 2 parts per million Publication : Grenzwerteverordnung 2007 - GKV 2007
Workingprogram : Limits Zwitserland Limits : 2 parts per million Publication : SuvaPro Grenzwerte am Arbeitsplatz 2009
Workingprogram : Limits Verenigd Koninkrijk 2007 Limits : 2 parts per million Publication : EH40/2005
Workingprogram : Limits Spanje 2010 Limits : 2 parts per million Publication : Límites de Exposición Profesional para Agentes Químicos en España, Mayo 2010; Ministerio de Trabajo e Inmigración, INSHT
Workingprogram : Werkprogramma Herevaluatie bestaande Limits Limits : Publication : 2000/15 OSH/018

LIMONENE

Workingprogram : Werkprogramma Overname buitenlandse Limits (dossier 11) Limits : 110 milligram per kubieke meter Publication : 38975
Workingprogram : Limits Duitsland-AGS Limits : 20 parts per million Publication : TRGS 900
Workingprogram : Limits Zwitserland Limits : 20 parts per million Publication : SuvaPro Grenzwerte am Arbeitsplatz 2009
Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave november 2009; Arbejdstilsynet
Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave november 2009; Arbejdstilsynet
Workingprogram : Limits Finland 2007 Limits : 25 parts per million Publication : Julkaisuja 2004:4

PARA CYMENE

Workingprogram : Limits Denemarken 2007 Limits : 25 parts per million Publication : Arbejdstilsynet; Grænseværdier for stoffer og materialer, augustus 2007 (publicatie C.0.1)

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Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

PINENE ALPHA

Workingprogram : Limits België 2009 Limits : 20 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009- -2065

Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave november 2009; Arbeidstilsynet

PINENE BETA

Workingprogram : Limits België 2009 Limits : 20 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009- -2065

Workingprogram : Limits Noorwegen 2010 Limits : 25 parts per million Publication : Administrative normer for forurensning i arbeidsatmosfaere; 13. utgave november 2009; Arbeidstilsynet

Workingprogram : Limits Zweden 2005 Limits : 25 parts per million Publication : AFS 2005:17

8.2 Exposure controls

Personal protective equipment

Hand protection	Use protective gloves. Gloves must comply with standard EN 374-1/2/3. Suitable material: Nitrile Breakthrough time (maximum wearing time): >30 min. Thickness of the material: 0.13 mm
Eye protection	Eye wash bottle with pure water Tightly fitting, approved safety goggles with side shields with standard EN166. Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	colorless till yellow liquid
Taste	not determined
Odour Threshold	not applicable
Flash point	60
Lower explosion limit	not determined
Upper explosion limit	not determined
Flammability (solid, gas)	not applicable
Oxidizing properties	not applicable
Autoignition temperature	not determined
Decomposition temperature	no data available
pH	not determined
Melting point	not determined
Boiling point	not determined
Vapour pressure	not determined
Density	not determined
Bulk density	not applicable
Water solubility	not determined
Solubility/qualitative	practically insoluble
Partition coeff octanol/H2O	not applicable
Viscosity, kinematic	no data available
Relative vapour density	no data available
Evaporation rate	no data available
Explosive properties	no data available

10. Stability and reactivity

Product	YZS-1611-	FRAGRANCE OIL PATCHOULI & LIME	
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10.1 Reactivity	none
10.2 Chemical stability	The product is chemically stable.
10.3 Possibility of hazardous reactions	
Hazardous reactions	No decomposition if stored and applied as directed.
10.4 Conditions to avoid	
Conditions to avoid	no data available
10.5 Incompatible materials	
Materials to avoid	no data available
10.6 Hazardous decomposition products	
Hazardous decomposition products	no data available
Thermal decomposition	no data available

11. Toxicological information

11.1 Information on toxicological effects

Acute orale toxicity	Estimated Acute toxicity Dosis mg/kg :	3878
Method	Calculationmethod	
Acute inhalation toxicity	Estimated Acute toxicity Dosis mg/ltr :	
Method	Calculationmethod	No data is available on the product itself.
Acute dermale toxicity	Estimated Acute toxicity Dosis mg/kg :	4672
Method	Calculationmethod	

Acute toxicity (other routes of administration)

No data is available on the product itself.

Skin corrosion/irritation

Skin irritation May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation May cause irreversible eye damage.

Respiratory or skin sensitization

Sensitisation No data is available on the product itself.

Germ cell mutagenicity

Germ cell mutagenicity No data is available on the product itself.

Carcinogenicity

Carcinogenicity No data is available on the product itself.

Reproductive toxicity

Reproductive toxicity No data is available on the product itself.

Target Organ Systemic Toxicant - Single exposure

Target Organ Systemic Toxicant - Single exposure
No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic Toxicant - Repeated exposure
No data is available on the product itself.

Aspiration hazard

Aspiration toxicity No data is available on the product itself.

Phototoxicity

Phototoxicity No data is available on the product itself.

Further information

no data available

12. Ecological information

12.1 Toxicity

Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates.	no data available
Toxicity to algae	no data available

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12.2 Persistence and degradability

Biodegradability no data available

12.3 Bioaccumulative potential

Bioaccumulation no data available

12.4 Mobility in soil

Mobility no data available
Distribution among environmental compartments no data available
Additional advice Environmental fate and pathways no data available
Physico-chemical removability no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

Biochemical Oxygen Demand (BOD) no data available
Dissolved organic carbon (DOC) no data available
Chemical Oxygen Demand (COD) no data available
Adsorbed organic bound halogens (AOX) no data available
Additional ecological information

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal considerations

13.1 Waste treatment methods

Product 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.
Send to a licensed waste management company.
Contaminated packaging Empty remaining contents.
Dispose of as unused product. Do not re-use empty containers.
Dispose of in accordance with local regulations.

14. Transport information

ADR/RID/ADN UNnumber UN1169 Extracts aromatic liquids
Description of Goods (limonene & l-beta-pinene)
Transportclass and packaging group 3 PG III
Dangerous for the environment yes
Additional information

IATA/ICAO UNnumber UN1169 Extracts aromatic liquids
Description of Goods (limonene & l-beta-pinene)
Transportclass and packaging group 3 PG III
Dangerous for the environment yes
Additional information

IMDG UNnumber UN1169 Extracts aromatic liquids
Description of Goods (limonene & l-beta-pinene)
Transportclass and packaging group 3 PG III
marine pollution yes

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Additional information

15. Regulatory information

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

ABM Cat Water hazard class NL (ABM) Cat A1

15.2 Chemical Safety Assessment

no data available

16. Other information

Full text of H-Statements referred to under sections 2 and 3.

H226 Flammable liquid and vapour.
H228 Flammable solid.
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.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

CODE DATE INGREDIENT (INCI) & CAS NR	YZS-1611- 31-01-2019	FRAGRANCE OIL PATCHOULI & LIME	TOTAL CONTENT IN PRODUCT %
Amylcinnamyl alcohol	(oko cat 4)	CAS 101-85-9	0,000
Amyl cinnamal	(oko cat 3)	CAS 122-40-7	0,000
Anisyl alcohol	(oko cat 4)	CAS 105-13-5	0,000
Benzyl Alcohol	(oko cat 4)	CAS 100-51-6	0,000
Benzyl benzoate	(oko cat 4)	CAS 120-51-4	0,000
Benzyl cinnamate	(oko cat 4)	CAS 103-41-3	0,000
Benzyl salicylate	(oko cat 4)	CAS 118-58-1	0,000
Cinnamal	(oko cat 1)	CAS 104-55-2	0,000
Cinnamyl alcohol	(oko cat 2)	CAS 104-54-1	0,000
Citral	(oko cat 3)	CAS 5392-40-5	0,000
Citronellol	(oko cat 4)	CAS 106-22-9	0,000
Coumarin	(oko cat 4)	CAS 91-64-5	0,000
Eugenol	(oko cat 3)	CAS 97-53-0	2,133
Farnesol	(oko cat 3)	CAS 4602-84-0	0,000
Geraniol	(oko cat 4)	CAS 106-24-1	0,060
HexylCinnamal	(oko cat 4)	CAS 101-86-0	0,000
Hydroxycitronellal	(oko cat 2)	CAS 107-75-5	0,000
Iso Eugenol	(oko cat 1)	CAS 97-54-1	0,000
Butylphenyl Methylpropional	(oko cat 2)	CAS 80-54-6	0,000
Limonene	(oko cat 4)	CAS 5989-27-5	48,630
Linalool	(oko cat 4)	CAS 78-70-6	1,166
Hydroxyisohexyl 3-cyclohexene Carboxaldehyde	(oko cat 2)	CAS 31906-04-4	0,000
Methyl 2-octynoate	(oko cat 3)	CAS 111-12-6	0,000
alpha isomethyl ionon	(oko cat 4)	CAS 127-51-5	0,000
(Treemoss) Evernia Furfuracea extr	(oko cat 1)	CAS 68648-41-9	0,000
(Oakmoss) Evernia Prunastri extr	(oko cat 1)	CAS 9000-50-4	0,000

This certificate is generated by calculation based on data for ingredients. The data in this document has been prepared by Gildewerk in accordance with Gildewerk' internal protocols and procedures in order to evaluate characteristics and/or performance. Detection limit for calculation is ten ppm. The information contained herein is, to the best of Holland Aromatic's knowledge, true and accurate at the time it is given. It is provided to Customer for its information and internal use only. Gildewerk is not liable for any damages that may result from the misuse of the data. It is Customer's responsibility to perform its own evaluations on the material evaluated herein, including with respect to end-use applications. Any Customer product, marketing or other claims are Customer's sole responsibility. A concentration represented by "0,000" corresponds to <10 ppm.

STATEMENT

Code YZS-1611-

FRAGRANCE OIL PATCHOULI & LIME

31-01-2019

To whom it concerns

Musk statement

product YZS-1611- FRAGRANCE OIL PATCHOULI & LIME
contains the following ingredients:

- 0,00 % (Musk) Nitromusk
- 0,00 % (Musk) Polycyclic musk
- 0,00 % (Musk) Macrocyclic musk

Vegan declaration

We have reviewed this product and declare that, to the best of our knowledge, it is suitable for the Vegan diet. Vegan products do not contain animal ingredients (mammalian, poultry, fish, shellfish, mollusk, insects) as well as ingredients derived from animal such as dairy, eggs and bee products or animal enzymes.

GMO directly added

(Declaration Limit: 0,01%)

According to the formulation – this fragrance oil does not contain ingredients produced on the basis of genetically modified organisms.

Animal Testing

We herewith confirm that our fragrances have not been the subject of animal testing by or on behalf of our company.

BSE / TSE

(Declaration Limit: 0,01%)

Our fragrances are mixtures of natural (plant origin) and synthetic products. To the best of our knowledge it does not contain any ingredients which may be suspected of BSE / TSE.

Heavy metals

Gildewerk does not use any heavy metal for direct addition into fragrances, bases and ingredients. Gildewerk does not undertake routine analysis on heavy metals and the potential presence of heavy metals in ingredient is of the order of magnitude of unavoidable traces. Based on our experience and to the best of our knowledge, the total quantity of heavy metals that may be present in this product are significantly below the limits defined in applicable regulations.

Nanomaterials

We certify, to the best of our knowledge, that this product does not contain any ingredient defined as a nanomaterial according to the article 2 of Cosmetic Regulation 1223/2009.

“Nanomaterial” means an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100nm.

STATEMENT

Code YZS-1611-

FRAGRANCE OIL PATCHOULI & LIME

31-01-2019

Palm Oil (PO) / Palm Kernel Oil (PKO) statement

This product contains the following ingredients:

0,000 % Palm Oil (PO)

0,000 % Palm Kernel Oil (PKO)

RSPO: the supplier of the PKO containing fragrance ingredient is RSPO certified.

Certification method: Mass Balance

HICC (Lyral), atranol and chloratranol

Please note that Commission Regulation (EU) 2017/1410 of 2 August 2017 amending Annexes II and III to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products has been published in the Official Journal of August 3rd, 2017.

HICC, Atranol and chloratranol have been added to Annex II of the Cosmetic Products Regulation (list of substances prohibited in cosmetic products) with the entries 1380, 1381 and 1382:

- 3-(4-Hydroxy-4-methylpentyl) cyclohex-3-ene-1-carbaldehyde [CAS# 51414-25-6]
- 4-(4-Hydroxy-4-methylpentyl) cyclohex-3-ene-1-carbaldehyde [CAS# 31906-04-4]
- Atranol [CAS# 526-37-4]
- chloratranol [CAS# 57074-21-2]

Commission Regulation (EU) 2017/1410 also deletes the Annex III entry (79) for HICC with application from 23rd August 2021.

The presence of atranol and chloratranol, being natural components of oak tree moss and treemoss extracts¹, is banned above technically unavoidable traces in good manufacturing practice. As purity requirements for both moss extracts have been established in IFRA Standards since 2009, all products on shelves should be compliant by the entry into force of this regulation.

The transitional periods are the following:

- From 23 August 2019, cosmetic products containing one or more of these substances shall not be placed on the European Union market.
- From 23 August 2021, cosmetic products containing one or more of these substances shall not be made available on the Union market.

0,000 % • HICC (Lyral)

0,000 % • Atranol [CAS# 526-37-4]

0,000 % • Chloratranol [CAS# 57074-21-2]

STATEMENT

Code YZS-1611-

FRAGRANCE OIL PATCHOULI & LIME

31-01-2019

REACH

We, Gildewerk B.V., declare, to the best of our knowledge, that we are in compliance with our obligations according to the REACH Regulation (EC) No. 1907/2006 and its modifications and updates for the substances contained in the fragrance compound(s)/ingredient(s) delivered to customer.

All substances supplied by Gildewerk B.V., as well as substances contained in our mixtures are either:

- Pre-registered, or
- Registered (Gildewerk B.V. act as a downstream user as defined by the REACH Regulation), or
- Exempted of Registration based on:
 - Use (food, feed, medicinal products, etc.)
 - Tonnage (<1tpa)
 - Annex IV and V of REACH Regulation
 - Others

The above mentioned information is continuously checked by us and also demanded to our suppliers. We also continue to monitor the ongoing amendments of the Regulation and will update our compliance statement as appropriate.

With kind regards,

Gildewerk BV

Regulatory Affairs & Product Safety, Fragrances

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This certificate is generated by calculation based on data for ingredients. The data in this document has been prepared by Gildewerk in accordance with Gildewerk' internal protocols and procedures in order to evaluate characteristics and/or performance. Detection limit for calculation is ten ppm. The information contained herein is, to the best of Holland Aromatic's knowledge, true and accurate at the time it is given. It is provided to Customer for its information and internal use only. Gildewerk is not liable for any damages that may result from the misuse of the data. It is Customer's responsibility to perform its own evaluations on the material evaluated herein, including with respect to end-use applications. Any Customer product, marketing or other claims are Customer's sole responsibility. A concentration represented by "0,000" corresponds to <10 ppm.

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We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment), provided it is used in the following classes at a maximum concentration level of

IFRA QRA	MAXIMUM CONCENTRATION LEVEL
IFRA Cat 1 maximum concentration level of	% Not applicable. Product is not foodgrade
IFRA Cat 2 maximum concentration level of	9,38 %
IFRA Cat 3A maximum concentration level of	23,45 %
IFRA Cat 3B maximum concentration level of	23,45 %
IFRA Cat 3C maximum concentration level of	23,45 %
IFRA Cat 3D maximum concentration level of	23,45 %
IFRA Cat 4A maximum concentration level of	23,45 %
IFRA Cat 4B maximum concentration level of	23,45 %
IFRA Cat 4C maximum concentration level of	23,45 %
IFRA Cat 4D maximum concentration level of	23,45 %
IFRA Cat 5 maximum concentration level of	23,45 %
IFRA Cat 6 maximum concentration level of	% Not applicable. Product is not foodgrade
IFRA Cat 7A maximum concentration level of	18,76 %
IFRA Cat 7B maximum concentration level of	18,76 %
IFRA Cat 8A maximum concentration level of	23,45 %
IFRA Cat 8B maximum concentration level of	23,45 %
IFRA Cat 9A maximum concentration level of	23,45 %
IFRA Cat 9B maximum concentration level of	23,45 %
IFRA Cat 9C maximum concentration level of	23,45 %
IFRA Cat 10A maximum concentration level of	23,45 %
IFRA Cat 10B maximum concentration level of	23,45 %
IFRA Cat 11 maximum concentration level of	100,00 %

QRA INFORMATIONAL BOOKLET 7.0 JUNE 2015

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List of the categories and applications

Category 1

Children's Toys *	1
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)	1

* Fragrance use in Toys: IFRA prohibits the use of fragrance materials and mixtures in toys or other children's products where there is the likelihood of mouth contact.

Following the criteria established by the toy industry, these include:

- 1) toys for children less than 3 years of age;
- 2) any toy designed and intended to go into the mouth; and/or
- 3) those toys for which mouth contact is reasonably foreseeable.

Category 2

Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm and body, etc.)	2
Nose pore strips	2
Fragranced Bracelets	2

Category 3

Hydroalcoholic Products Applied To Recently Shaved Skin (ADT range, including After shave)	3.A
Hydroalcoholic Products Applied To Recently Shaved Skin (Fine Fragrance range)	3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care	3.C
Men's Facial Creams, Balms	3.C
Baby Creams, Lotions, Oils	3.C
Tampons	3.D
Body Paint for Children	3.C

Category 4

Hydroalcoholic Products Applied to Unshaved Skin (EdT range)	4.A
Scent Strips for Hydroalcoholic Products	4.A
Ingredients of Perfume Kits	4.A
Scent Pads, Foil Packs	4.A
Hydroalcoholic Products Applied to Unshaved Skin (Fine Fragrance range)	4.B
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.), Hair Deodorant	4.C
Body Creams, Oils, Lotions, of all types (except baby creams, lotions, oils)	4.C
Body sprays (including body mists) with no intended or reasonably foreseeable use on the axillae	4.C
Fragrance Compounds for Cosmetic Kits	4.C
Foot Care Products	4.C
Fragrancing Creams, solid perfumes	4.D

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Body Paint for Adults

4.C

Category 5

Women's Facial Creams / Facial Make-up. Facial Masks

5

Hand Cream / Hand sanitizers

5

Baby Powder and Talc

5

Hair Permanent and Other Hair Chemical Treatments (e.g. relaxers) but not hair dyes

5

Wipes or Refreshing Tissues for Face, Neck, Hands, Body

5

Dry Shampoo or Waterless Shampoo

5

Category 6

Mouthwash including Breath Sprays

6

Toothpaste

6

Category 7

Intimate Wipes, Baby Wipes

7.A

Insect Repellent (intended to be applied to the skin)

7.B

Category 8

Make-up Removers of all types (not including face cleansers)

8.A

Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.)

8.A

Nail Care

8.A

All powders and talcs (except baby powders and talcs)

8.A

Hair Dyes

8.B

Category 9

All Depilatories (including waxes for mechanical hair removal)

9.A

Liquid Soaps, Bar Soaps (Toilet Soaps)

9.A

Conditioners (Rinse-Off)

9.A

Shampoos of all types (including baby shampoos)

9.A

Face Cleansers of all types (washes, gels, scrubs, etc.)

9.A

Shaving Creams of all types (stick, gels, foams, etc.)

9.A

Body Washes of all types (including baby washes) and Shower Gels of all types

9.A

Bath Gels, Foams, Mousses, Salts, Oils and Other Products Added to Bathwater

9.A

Feminine pads / Liners

9.B

Toilet Paper

9.B

Other Aerosols (including air freshener sprays and air freshener pump spray but not deodorant/antiperspirants, hair styling aids spray and animal sprays)

9.C

Facial Tissues

9.C

Napkins

9.C

Paper Towels

9.C

Wheat bags

9.B

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Category 10

Hand wash/Machine Wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches and concentrates

	10.A
Hand Dishwashing Detergent including concentrates	10.A
Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners, etc.)	10.A
Fabric Softeners of all types including fabric softener sheets	10.A
Dry Cleaning Kits	10.A
Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.)	10.A
Shampoos for Pets	10.A
Diapers	10.B
Toilet Seat Wipes	10.B
Scented gloves, socks, tights with moisturizers	10.A

Category 11

All non-skin contact or incidental skin contact. Including:

Air Fresheners and fragrancing of all types (concentrated aerosol with metered doses range 0.05-0.5ml/spray), plug-ins, solid substrate, membrane delivery, Electrical);

Toilet blocks; Joss Sticks, Incense 11

Air Delivery Systems 11

Liquid refills for air fresheners (cartridge systems) 11

Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals 11

Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols 11

Fuels 11

Plastic articles (excluding toys) 11

Paints 11

Floor wax 11

Candles 11

Fragranced lamp ring 11

Scent pack 11

Machine Dishwash Detergent and Deodorizers 11

Machine-only laundry detergent (e.g. liquitabs) 11

Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) 11

Scratch and sniff (sampling technology) 11

Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers 11

Shoe Polishes 11

Cat Litter 11

Animal Sprays (all types) 11

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Treatment products for Textiles (e.g. starch sprays, deodorizers for textiles, fabric treated with fragrances after wash)	11
Odored Distilled Water (that can be added to steam irons)	11
Cell phone cases	11

Note box:

** Category 11 includes all non-skin contact or incidental skin contact products. Due to negligible skin contact the concentration of a fragrance should not exceed the usual concentration of the fragrance compound in the finished product. For example, hypothetically if the usual concentration of a fragrance compound in the final product, for example a candle, is at 5%, then any individual fragrance ingredient must not exceed 5% in the candle.

IFRA Compliance above was assessed according to IFRA Standards and to IFRA Section 4 for general safety assessment:

- The IFRA Standards 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.

- Section 4 mandates that ingredients in fragrances should only be used when, based on appropriate information and evaluation, it has been concluded they do not present an unreasonable risk to human health and the environment and are safe under their intended conditions of use.

The creative perfumery procedures in Gildewerk Fragrances ensure that Fragrance compounds are composed only of ingredients approved by the safety clearance procedure, and satisfy, according to the current state of knowledge, the safety requirements for the intended application under normal and reasonably foreseeable conditions of use.

For other kinds of application or use at higher concentration levels, a new safety evaluation may be needed; please contact Gildewerk.

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

Gildewerk BV

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