

Product	YZS-2033-	PERFUME LIME-TREE BLOSSOM		
Version	6.0	Revisiondate	04-03-2019	Printdate 04-03-2019

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

**1.1 Product identifier** MULTI-COMPONENT MIXTURE  
Product code YZS-2033-  
PERFUME LIME-TREE BLOSSOM

**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  
Nederland  
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)**

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  
H412 Harmful to aquatic life with long lasting effects.Hazardous to the aquatic environment, long-term hazard (EH C)Category 3

**2.2 Label elements**

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

Hazard pictograms



GHS07

**Signaalword**

WARNING

**Hazard statements**

H315 Causes skin irritation.  
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H412 Harmful to aquatic life with long lasting effects.

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#### Precautionary statements

- Prevention P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.
- Response 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.  
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:

alpha-methyl-1, 3-benzodioxole-5-propanal  
2-methyl-3-(para-methoxy phenyl)propanal  
2-(2-methyl propyl)-4-hydroxy-4-methyl tetrahydropyran  
2,8-dimethylheptan-8-ol  
3,5,5-trimethylhexyl acetate  
2,4-dimethylcyclohexene-3-carbaldehyde  
paramenthen-1-ol-8  
3-octanol, 3,7-dimethyl-

2.3 Other hazards no data available

### 3. Composition/information on ingredients

#### 3.2 Mixtures

Hazardous components

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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>
alpha-methyl-1, 3-benzodioxole-5-propanal	1205-17-0  01-2120740119-58-xxxx	H317Sensitization, skin (SS 1 / 1B)Category 1 H361Reproductive toxicity (REP)2 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0,1 - 1%
2-methyl-3-(para-methoxy phenyl)propanal	5462-06-6  01-2120629103-67-xxxx	H317Sensitization, skin (SS 1 / 1B)Category 1	1 - 5%
2-(2-methyl propyl)-4-hydroxy-4-methyl tetrahydropyran	63500-71-0  01-2119455547-30-xxxx	H319Serious eye damage/eye irritation (EDI)Category 2A	1 - 5%
2,8-dimethylheptan-8-ol	13254-34-7  01-2120275178-48-0000	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A	0,1 - 1%
3,5,5-trimethylhexyl acetate	58430-94-7  01-2119972325-34-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	10 - 25%
2,4-dimethylcyclohexene-3-carbaldehyde	68039-49-6  01-2119982384-28-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A H411Hazardous to the aquatic environment, long-term hazard (EH C)Category 2	0,1 - 1%
paramenthen-1-ol-8	8000-41-7  01-2119553062-49-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H319Serious eye damage/eye irritation (EDI)Category 2A	25 - 50%
3-octanol, 3,7-dimethyl-	78-69-3  01-2119454788-21-xxxx	H315Skin corrosion/irritation (SCI)Category 2 H317Sensitization, skin (SS 1 / 1B)Category 1 H319Serious eye damage/eye irritation (EDI)Category 2A	0,1 - 1%

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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 <sub>2</sub> ) 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

#### **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

Contains no substances with occupational exposure limit values. geen bestanddelen waarvoor MAC-waarden zijn vastgelegd.

### 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	89

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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/H <sub>2</sub> O	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

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

<b>Acute orale toxicity</b> Method	Estimated Acute toxicity Dosis mg/kg : 7576 Calculationmethod
<b>Acute inhalation toxicity</b> Method	Estimated Acute toxicity Dosis mg/ltr : Calculationmethod No data is available on the product itself.
<b>Acute dermale toxicity</b> Method	Estimated Acute toxicity Dosis mg/kg : 4865 Calculationmethod
<b>Acute toxicity (other routes of administration)</b>	No data is available on the product itself.
<b>Skin corrosion/irritation</b> Skin irritation	May cause skin irritation and / or dermatitis.
<b>Serious eye damage/eye irritation</b> Eye irritation	May cause irreversible eye damage.
<b>Serious eye damage/eye irritation</b> Eye irritation	May cause irreversible eye damage.
<b>Respiratory or skin sensitization</b> Sensitisation	No data is available on the product itself.
<b>Germ cell mutagenicity</b> Germ cell mutagenicity	No data is available on the product itself.
<b>Carcinogenicity</b> Carcinogenicity	No data is available on the product itself.

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#### 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.

### 12. Ecological information

no data available

#### 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

#### 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 Not regulated  
Description of Goods  
Transportclass and packaging group -----

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**IATA/ICAO** UNnumber Not regulated  
Description of Goods  
Transportclass and packaging group -----

**IMDG** UNnumber Not regulated  
Description of Goods  
Transportclass and packaging group -----

## **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 A3

### **15.2 Chemical Safety Assessment**

no data available

## **16. Other information**

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

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.



Fragrance ingredients restricted as potential allergens in ANNEX III of EUROPEAN COSMETIC REGULATION (EC) No1223/2009 and its amendments

CODE DATE INGREDIENT (INCI) & CAS NR	YZS-2033- 04-03-2019	PERFUME LIME-TREE BLOSSOM	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	0,000
Farnesol	(oko cat 3)	CAS 4602-84-0	0,000
Geraniol	(oko cat 4)	CAS 106-24-1	0,000
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	0,000
Linalool	(oko cat 4)	CAS 78-70-6	0,000
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 Gildewerk 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-2033-

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To whom it concerns

### Musk statement

product YZS-2033- PERFUME LIME-TREE BLOSSOM 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.

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

This product contains the following ingredients:

0,000 % Palm Oil (PO)

41,168 % Palm Kernel Oil (PKO)

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

Certification method: Mass Balance

### HICC (Lyrall), 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 extracts<sup>1</sup>, 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 (Lyrall)

0,000 % • Atranol [CAS# 526-37-4]

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

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### 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**

generated electronically, No signature

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 Gildewerk 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.

## IFRA CONFORMITY CERTIFICATE 48th Amendment

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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	7,33 %
IFRA Cat 3A maximum concentration level of	29,67 %
IFRA Cat 3B maximum concentration level of	29,67 %
IFRA Cat 3C maximum concentration level of	29,67 %
IFRA Cat 3D maximum concentration level of	20,00 %
IFRA Cat 4A maximum concentration level of	89,00 %
IFRA Cat 4B maximum concentration level of	89,00 %
IFRA Cat 4C maximum concentration level of	89,00 %
IFRA Cat 4D maximum concentration level of	89,00 %
IFRA Cat 5 maximum concentration level of	46,67 %
IFRA Cat 6 maximum concentration level of	% Not applicable. Product is not foodgrade
IFRA Cat 7A maximum concentration level of	15,00 %
IFRA Cat 7B maximum concentration level of	15,00 %
IFRA Cat 8A maximum concentration level of	66,67 %
IFRA Cat 8B maximum concentration level of	66,67 %
IFRA Cat 9A maximum concentration level of	100,00 %
IFRA Cat 9B maximum concentration level of	100,00 %
IFRA Cat 9C maximum concentration level of	100,00 %
IFRA Cat 10A maximum concentration level of	83,33 %
IFRA Cat 10B maximum concentration level of	83,33 %
IFRA Cat 11 maximum concentration level of	100,00 %

## QRA INFORMATIONAL BOOKLET 7.0 JUNE 2015

## IFRA CONFORMITY CERTIFICATE 48th Amendment

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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**

generated electronically, no signature

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 Gildewerk' 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.