

YZS-080I - Hypodor

Version 2.0

Revisiondate 09-02-2016

Printdate 09-02-2016

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

**1.1 Product identifier**

MULTI-COMPONENT MIXTURE

Product code

YZS-080I-  
Hypodor

**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 4I  
203I BH Haarlem  
T: +31(0)23 - 532 22 55  
F: +31(0)23 - 534 09 65  
E: holland@gildewerk.com  
www.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) Category 1

H319 Causes serious eye irritation. Serious eye damage/eye irritation (EDI) Category 2A

H411 Toxic to aquatic life with long lasting effects. Hazardous to the aquatic environment, chronic toxicity (EH C) Category 2

**2.2 Label elements**

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

Hazard pictograms



GHS07



GHS09

**Signalword**

WARNING

**Hazard statements**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic 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:

2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol  
3,7-dimethyl-6-octen-1-yl acetate  
2,6-dimethyl-7-octen-2-ol  
3,7-dimethyl-1,6-nonadien-3-ol voc 0%  
3-(3-isopropylphenyl)butanal  
2-(2-methyl propyl)-4-hydroxy-4-methyl tetrahydropyran  
e- and z-oxacyclohexadec-12(+13)-en-2-one  
iso e super  
2,4-dimethylcyclohexene-3-carbaldehyde  
cis-p-menthan-7-ol  
2-phenylethanol

#### 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><br><u>REACH reg.</u>      | <u>(REGULATION (EC) No 1272/2008)</u>  | <u>Concentration [%]</u> |
|---|--|--|--------------------------|
| 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol | 28219-61-6<br><br>01-2119529224-45-xxxx  | H319Serious eye damage/eye irritation (EDI)Category 2A<br>H400Hazardous to the aquatic environment, acute toxicity (EH A)Category 1<br>H410Hazardous to the aquatic environment, chronic toxicity (EH C)Category 1 | 0,1 - 1%                 |
| 3,7-dimethyl-6-octen-1-yl acetate                           | 150-84-5<br><br>01-2119959860-27-xxxx    | H315Skin corrosion/irritation (SCI)Category 2<br>H411Hazardous to the aquatic environment, chronic toxicity (EH C)Category 2   | 1 - 5%                   |
| 2,6-dimethyl-7-octen-2-ol                                   | 18479-58-8<br><br>01-2119457274-37-xxxx  | H315Skin corrosion/irritation (SCI)Category 2<br>H319Serious eye damage/eye irritation (EDI)Category 2A  | 1 - 5%                   |
| 3,7-dimethyl-1,6-nonadien-3-ol voc 0%                       | 10339-55-6<br><br>01-2119969272-32-xxxx  | H315Skin corrosion/irritation (SCI)Category 2<br>H319Serious eye damage/eye irritation (EDI)Category 2A  | 5 - 10%                  |
| 3-(3-isopropylphenyl) butanal                               | 125109-85-5<br><br>01-0000015936-60-xxxx | H411Hazardous to the aquatic environment, chronic toxicity (EH C)Category 2  | 1 - 5%                   |
| 2-(2-methyl propyl)-4-hydroxy-4-methyl tetrahydropyran      | 63500-71-0<br><br>01-2119455547-30-xxxx  | H319Serious eye damage/eye irritation (EDI)Category 2A   | 5 - 10%                  |
| e- and z-oxacyclohexadec-12(+13)-en-2-one                   | 111879-80-2<br><br>01-0000016883-62-xxxx | H400Hazardous to the aquatic environment, acute toxicity (EH A)Category 1<br>H410Hazardous to the aquatic environment, chronic toxicity (EH C)Category 1   | 5 - 10%                  |
| iso e super   | 54464-57-2<br><br>01-2119489989-04-xxxx  | H315Skin corrosion/irritation (SCI)Category 2<br>H317Sensitization, skin (SS)Category 1<br>H410Hazardous to the aquatic environment, chronic toxicity (EH C)Category 1   | 1 - 5%                   |

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2,4-  
dimethylcyclohexene-3-  
carbaldehyde

68039-49-6

H315Skin corrosion/irritation (SCI)Category 2  
H317Sensitization, skin (SS)Category 1  
H411Hazardous to the aquatic environment, chronic toxicity (EH C)Category 2

0,1 - 1%

cis-p-menthan-7-ol

13828-37-0

H317Sensitization, skin (SS)Category 1

1 - 5%

2-phenylethanol

60-12-8

H302Acute toxicity, oral (ATO)Category 4  
H319Serious eye damage/eye irritation (EDI)Category 2A

1 - 5%

01-2119963921-31-0000

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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.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.  |
| If inhaled              | If unconscious place in recovery position and seek medical advice.<br>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.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed            | Keep respiratory tract clear.<br>Do NOT induce vomiting.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>Take victim immediately to hospital.   |

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

|          |                   |
|----------|-------------------|
| Symptoms | no data available |
|----------|-------------------|

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

|           |                   |
|-----------|-------------------|
| Treatment | no data available |
|-----------|-------------------|

#### **5. Fire-fighting measures**

##### **5.1 Extinguishing media**

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | Dry chemical<br>Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>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. |
|--------------------------------------|---|

##### **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. |
|----------------------|------------------------------------|

##### **6.2 Environmental precautions**

|                           |   |
|---------------------------|---|
| Environmental precautions | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
|---------------------------|---|

##### **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).<br>Keep in suitable, closed containers for disposal. |
|-------------------------|---|

##### **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.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>To avoid spills during handling keep bottle on a metal tray.<br>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.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>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 |
|-----------------|-------------------|

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### BENZALDEHYDE

Workingprogram : Limits Finland 2007 Limits : 1 parts per million Publication : Julkaisu 2007:4

#### BENZYL ACETATE

Workingprogram : Limits Denmark 2007 Limits : 10 parts per million Publication : Arbejdstilsynet; Grænseværdier for stoffer og materialer, august 2007 (publicatie C.0.1)

Workingprogram : Limits België 2009 Limits : 10 parts per million Publication : Belgisch Staatsblad 19 mei 2009; N. 2009 - 2065

Workingprogram : Limits Spanje 2010 Limits : 10 parts per million Publication : Límites de Exposición Profesional para Agentes Químicos en España, Mayo 2010; Ministerio de Trabajo e Inmigración, INSHT

#### DIPROPYLENE GLYCOL

Workingprogram : Limits Switzerland Limits : 200 milligram per kubieke meter inhaleerbare fractie Publication : SuvaPro Grenzwerte am Arbeitsplatz 2009

Workingprogram : Limits Duitsland-AGS Limits : 67 milligram per kubieke meter inhaleerbare fractie Publication : TRGS 900

### 8.2 Exposure controls

#### Personal protective equipment

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

#### Environmental exposure controls

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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.

## **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                              | >100                         |
| 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**

**Acute orale toxicity** Estimated Acute toxicity Dosis mg/kg : 6502  
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 : 3296  
Method Calculationmethod

**Acute toxicity (other routes of administration)**

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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

**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.



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

#### **14. Transport information**

##### **ADR/RID/ADN**

|                                    |   |
|------------------------------------|---|
| UNnumber                           | UN-number 3082 (Environmentally dangerous substances, liquid, N.O.S.) |
| Description of Goods               | ( p-methylanisole & )   |
| Transportclass and packaging group | 9 PG III  |
| Dangerous for the environment      | yes   |

##### **IATA/ICAO**

|                                    |   |
|------------------------------------|---|
| UNnumber                           | UN-number 3082 (Environmentally dangerous substances, liquid, N.O.S.) |
| Description of Goods               | ( p-methylanisole & )   |
| Transportclass and packaging group | 9 PG III  |
| Dangerous for the environment      | yes   |

##### **IMDG**

|                                    |   |
|------------------------------------|---|
| UNnumber                           | UN-number 3082 (Environmentally dangerous substances, liquid, N.O.S.) |
| Description of Goods               | ( p-methylanisole & )   |
| Transportclass and packaging group | 9 PG III  |
| marine pollution                   | yes   |

#### **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 6 a |
|---------|-------------------------------------|

**15.2 Chemical Safety Assessment**  
no data available

#### **16. Other information**

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

H302 Harmful if swallowed.  
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.

Fragrance ingredients restricted in Annex III part 1 of Directive 76/768/EEC and its amendments, As a consequence of  
opinion SCCNFP / 0017 / 98

| YZS-0801- Hypodor                            |             |                |                            |
|--|-------------|----------------|----------------------------|
| INGREDIENT (INCI) & CAS NR                   |             |                | TOTAL CONTENT IN PRODUCT % |
| Amylcinnamyl alcohol                         | (oko cat 4) | CAS 101-85-9   | 0,0000                     |
| Amyl cinnamal                                | (oko cat 3) | CAS 122-40-7   | 0,0000                     |
| Anisyl alcohol                               | (oko cat 4) | CAS 105-13-5   | 0,0000                     |
| Benzyl Alcohol                               | (oko cat 4) | CAS 100-51-6   | 0,0000                     |
| Benzyl benzoate                              | (oko cat 4) | CAS 120-51-4   | 0,0000                     |
| Benzyl cinnamate                             | (oko cat 4) | CAS 103-41-4   | 0,0000                     |
| Benzyl salicylate                            | (oko cat 4) | CAS 118-58-1   | 0,0000                     |
| Cinnamal                                     | (oko cat 1) | CAS 104-55-2   | 0,0000                     |
| Cinnamyl alcohol                             | (oko cat 2) | CAS 104-54-1   | 0,0000                     |
| Citral                                       | (oko cat 3) | CAS 5392-40-5  | 0,0000                     |
| Citronellol                                  | (oko cat 4) | CAS 106-22-9   | 0,0000                     |
| Coumarin                                     | (oko cat 4) | CAS 91-64-5    | 0,0000                     |
| Eugenol                                      | (oko cat 3) | CAS 97-53-0    | 0,0000                     |
| Farnesol                                     | (oko cat 3) | CAS 4602-84-0  | 0,0000                     |
| Geraniol                                     | (oko cat 4) | CAS 106-24-1   | 0,0000                     |
| HexylCinnamal                                | (oko cat 4) | CAS 101-86-0   | 0,0000                     |
| Hydroxycitronellal                           | (oko cat 2) | CAS 107-75-5   | 0,0000                     |
| Iso Eugenol                                  | (oko cat 1) | CAS 97-54-1    | 0,0000                     |
| Butylphenyl Methylpropional                  | (oko cat 2) | CAS 80-54-6    | 0,0000                     |
| Limonene                                     | (oko cat 4) | CAS 5989-27-5  | 0,0000                     |
| Linalool                                     | (oko cat 4) | CAS 78-70-6    | 0,0000                     |
| Hydroxyisohexyl 3-cyclohexene Carboxaldehyde | (oko cat 2) | CAS 31906-04-4 | 0,0000                     |
| Methyl 2-octynoate                           | (oko cat 3) | CAS 111-12-6   | 0,0000                     |
| alpha isomethyl ionon                        | (oko cat 4) | CAS 127-51-5   | 0,0000                     |
| (Treemoss) Evernia Furfurea extr             | (oko cat 1) | CAS 68648-41-9 | 0,0000                     |
| (Oakmoss) Evernia Prunastri extr             | (oko cat 1) | CAS 9000-50-4  | 0,0000                     |

These are calculated concentrations and do not negate the need for chromatographic qualification of the end product. To the best of our knowledge the information contained in this document is accurate at the date of publication. However, nothing contained in this document is to be considered as a warranty or representation in respect of safety in use, fitness for purpose, merchantability of efficacy, or as any other warranty (whether expressed or implied).

## STATEMENT

**Code**    YZS-0801-  
             Hypodor

09-02-2016

To whom it concerns

YZS-0801- Hypodor contains the following ingredients:

|       |   |                                    |
|-------|---|------------------------------------|
| 0,00  | % | (Musk) Nitromusk percentage        |
| 0,00  | % | (Musk) Polycyclic musk percentage  |
| 10,00 | % | (Musk) macrocyclic musk percentage |

## IFRA CONFORMITY CERTIFICATE 48th Amendment

Code YZS-0801-  
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09-02-2016

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   | 10,00                       | %  |
| IFRA Cat 3A maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 3B maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 3C maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 3D maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 4A maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 4B maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 4C maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 4D maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 5 maximum concentration level of   | 50,00                       | %  |
| IFRA Cat 6 maximum concentration level of   |                             | % Not applicable. Product is not foodgrade |
| IFRA Cat 7A maximum concentration level of  | 20,00                       | %  |
| IFRA Cat 7B maximum concentration level of  | 20,00                       | %  |
| IFRA Cat 8A maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 8B maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 9A maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 9B maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 9C maximum concentration level of  | 50,00                       | %  |
| IFRA Cat 10A maximum concentration level of | 50,00                       | %  |
| IFRA Cat 10B maximum concentration level of | 50,00                       | %  |
| IFRA Cat 11 maximum concentration level of  | 100,00                      | %  |

## IFRA CONFORMITY CERTIFICATE 48th Amendment

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### QRA INFORMATIONAL BOOKLET 7.0 JUNE 2015

#### 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 |

##### 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 |
| Body Paint for Adults  | 4.C |

##### Category 5

|  |   |
|--|---|
| Women's Facial Creams / Facial Make-up. Facial Masks | 5 |
| Hand Cream / Hand sanitizers                         | 5 |

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|   |   |
|---|---|
| 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 |

### Category 10

|   |      |
|---|------|
| Hand wash/Machine Wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches and concentrates | 10.A |
|---|------|

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| 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. liquid tabs) 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

Treatment products for Textiles (e.g. starch sprays, deodorizers for textiles, fabric treated with fragrances after wash) 11

Odores Distilled Water (that can be added to steam irons) 11

Cell phone cases 11

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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.

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

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.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

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.