

YZS-0333* LEMON


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SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : Lemon

Product code : YZS-0333*

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

Fragrance compounds

1.3. Details of the supplier of the safety data sheet

Registered company name : Gildewerk B.V..

Address : A Hofmanweg 41 NL-2031 BH Haarlem

Telephone : +31 (0) 23 532 22 55

support@gildewerk.com

1.4. Emergency telephone number : +31 (0) 23 532 22 55

Only during office hours

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Reproductive toxicity, Category 2 (Repr. 2, H361).

Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).

Hazardous to the aquatic environment - Chronic hazard, Category 1 (Aquatic Chronic 1, H410).

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS02



GHS07



GHS08



GHS09

Signal Word :

DANGER

Product identifiers :

EC 227-813-5

D-LIMONENE

EC 204-872-5

BETA-PINENE

EC 226-394-6

CITRAL

EC 202-794-6

P-MENTHA-1,4-DIENE

EC 250-954-9

4-TERT-BUTYLCYCLOHEXYL ACETATE

EC 203-377-1

GERANIOL

EC 201-291-9

ALPHA-PINENE

EC 258-446-9

(Z)-3-METHYL-5-PHENYLPENT-2-ENENITRILE

EC 203-376-6

CITRONELLAL

EC 203-378-7

NEROL

EC 268-264-1

2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE

EC 207-431-5

EUCALYPTOL

EC 203-375-0

DL-CITRONELLOL

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EC 203-341-5 GERANYL ACETATE
 EC 209-578-0 TERPINOLENE
 EC 201-134-4 LINALOOL
 EC 236-719-3 DELTA-3-CARENE

Additional labeling :

Hazard statements :

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H361 Suspected of damaging fertility or the unborn child .
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash ... thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - Response :

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
 P302 + P352 IF ON SKIN: Wash with plenty of water/...
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308 + P313 IF exposed or concerned: Get medical advice/attention.
 P321 Specific treatment (see ... on this label).
 P331 Do NOT induce vomiting.
 P332 + P313 If skin irritation occurs: Get medical advice/attention.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.

Precautionary statements - Storage :

P403 + P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.

Precautionary statements - Disposal :

P501 Dispose of contents/container to ...

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	Note	%
HYDROCARBONS	GHS08 Dgr Asp. Tox. 1, H304		50 \leq x % < 100

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CAS: 5989-27-5 EC: 227-813-5 REACH: 01-2119529223-47-XXXX D-LIMONENE	GHS08, GHS02, GHS07, GHS09 Dgr Asp. Tox. 1, H304 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		25 <= x % < 50
CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54-0000 BETA-PINENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		10 <= x % < 25
CAS: 5392-40-5 EC: 226-394-6 REACH: 01-2119462829-23-0002 CITRAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319		10 <= x % < 25
CAS: 99-85-4 EC: 202-794-6 REACH: 01-2120780478-40-XXXX P-MENTHA-1,4-DIENE	GHS02, GHS08 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Repr. 2, H361	[2]	2.5 <= x % < 10
CAS: 8000-41-7 EC: 232-268-1 REACH: 01-2119553062-49-XXXX TERPINEOL	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		2.5 <= x % < 10
CAS: 32210-23-4 EC: 250-954-9 REACH: 01-2119976286-24-0008 4-TERT-BUTYLCYCLOHEXYL ACETATE	GHS07 Wng Skin Sens. 1B, H317		2.5 <= x % < 10
CAS: 18479-58-8 EC: 242-362-4 REACH: 01-2119457274-37-008 DIHYDROMYRCENOL	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		2.5 <= x % < 10
CAS: 106-24-1 EC: 203-377-1 REACH: 01-2119552430-49-0003 GERANIOL	GHS05, GHS07 Dgr Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318		0 <= x % < 2.5
CAS: 80-56-8 EC: 201-291-9 REACH: 01-2119519223-49-XXXX ALPHA-PINENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Acute Tox. 4, H302 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5
CAS: 53243-59-7 EC: 258-446-9 (Z)-3-METHYL-5-PHENYLPENT-2-ENENITRILE	GHS07 Wng Acute Tox. 4, H302 Skin Sens. 1A, H317 Aquatic Chronic 3, H412		0 <= x % < 2.5

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CAS: 106-23-0 EC: 203-376-6 REACH: 01-2119474900-37-XXXX CITRONELLAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0 <= x % < 2.5
CAS: 106-25-2 EC: 203-378-7 REACH: 01-2119983244-33-0000 NEROL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0 <= x % < 2.5
CAS: 68039-49-6 EC: 268-264-1 REACH: 01-2119982384-28-0001 2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBO XALDEHYDE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411		0 <= x % < 2.5
CAS: 470-82-6 EC: 207-431-5 REACH: 01-2119967772-24-0018 EUCALYPTOL	GHS02, GHS07 Wng Flam. Liq. 3, H226 Skin Sens. 1B, H317		0 <= x % < 2.5
CAS: 106-22-9 EC: 203-375-0 REACH: 01-2119453995-23-XXXX DL-CITRONELLOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0 <= x % < 2.5
CAS: 123-35-3 EC: 204-622-5 REACH: 01-2119514321-56-0000 MYRCENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 2.5
CAS: 99-87-6 EC: 202-796-7 REACH: 01-2120807345-59-XXXX P-CYMENE	GHS02, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Repr. 2, H361 Aquatic Chronic 2, H411	[2]	0 <= x % < 2.5
CAS: 105-87-3 EC: 203-341-5 REACH: 01-2119973480-35-XXXX GERANYL ACETATE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412		0 <= x % < 2.5
CAS: 586-62-9 EC: 209-578-0 REACH: 01-2119982325-32-0000 TERPINOLENE	GHS07, GHS08, GHS09 Dgr Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0 <= x % < 2.5

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CAS: 13466-78-9 EC: 236-719-3 REACH: 01-2119520252-55-0000 DELTA-3-CARENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Acute Tox. 4, H332 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5
CAS: 16356-11-9 EC: 240-416-1 1,3,5-UNDECATRIENE	GHS07, GHS08, GHS09 Dgr Asp. Tox. 1, H304 Skin Irrit. 2, H315 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 10		0 <= x % < 2.5

(Full text of H-phrases: see section 16)

Information on ingredients :

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam

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- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

Avoid exposure to pregnant women and warn women of child-bearing age of the possible risks

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Remove contaminated clothing and protective equipment before entering eating areas.

Fire prevention :

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Never inhale this mixture.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically non-conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

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Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid skin and eye contact with this mixture.

Avoid exposure - obtain special instructions before use.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Never open the packages under pressure.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from food and drink, including those for animals.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

No data available.

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

DELTA-3-CARENE (CAS: 13466-78-9)

Final use:

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Final use:

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

LINALOOL (CAS: 78-70-6)

Final use:

Exposure method:

Potential health effects:

Workers.

Dermal contact.

Short term local effects.

161 µg of substance/cm2

Inhalation.

Long term systemic effects.

5.98 mg of substance/m3

Consumers.

Ingestion.

Long term systemic effects.

0.31 mg/kg body weight/day

Dermal contact.

Short term local effects.

81 µg of substance/cm2

Inhalation.

Long term systemic effects.

1.06 mg of substance/m3

Workers.

Dermal contact.

Short term systemic effects.

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DNEL : 5 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Short term local effects.
DNEL : 15 mg of substance/cm²

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 2.5 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term local effects.
DNEL : 15 mg of substance/cm²

Exposure method: Dermal contact.
Potential health effects: Short term systemic effects.
DNEL : 2.5 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL : 16.5 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 2.8 mg of substance/m³

Final use:

Exposure method: **Consumers.**
Ingestion.
Potential health effects: Short term systemic effects.
DNEL : 1.2 mg/kg body weight/day

Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 0.2 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Short term local effects.
DNEL : 15 mg of substance/cm²

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 1.25 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term local effects.
DNEL : 15 mg of substance/cm²

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL : 4.1 mg of substance/m³

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 0.7 mg of substance/m³

GERANYL ACETATE (CAS: 105-87-3)

Final use:

Exposure method: **Workers.**
Dermal contact.
Potential health effects: Long term systemic effects.

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DNEL :	35.5 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	62.59 mg of substance/m ³
Final use:	Consumers.
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	8.9 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	17.75 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	15.4 mg of substance/m ³
MYRCENE (CAS: 123-35-3)	
Final use:	Workers.
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	0.83 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	5.83 mg of substance/m ³
Final use:	Consumers.
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	0.42 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	0.42 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	1.25 mg of substance/m ³
DL-CITRONELLOL (CAS: 106-22-9)	
Final use:	Workers.
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	45.8 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	161.6 mg of substance/m ³
Final use:	Consumers.
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	13.8 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.

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DNEL : 27.5 mg/kg body weight/day

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.
 DNEL : 47.8 mg of substance/m3

CITRONELLAL (CAS: 106-23-0)

Final use:

Exposure method: Dermal contact.
 Potential health effects: Long term systemic effects.
 DNEL : 1.7 mg/kg body weight/day

Exposure method: Dermal contact.
 Potential health effects: Long term local effects.
 DNEL : 0.14 mg of substance/cm2

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.
 DNEL : 9 mg of substance/m3

Final use:**Workers.**

Exposure method: Ingestion.
 Potential health effects: Long term systemic effects.
 DNEL : 0.6 mg/kg body weight/day

Exposure method: Dermal contact.
 Potential health effects: Long term systemic effects.
 DNEL : 1 mg/kg body weight/day

Exposure method: Dermal contact.
 Potential health effects: Short term local effects.
 DNEL : 0.14 mg of substance/cm2

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.
 DNEL : 2.7 mg of substance/m3

DIHYDROMYRCENOL (CAS: 18479-58-8)

Final use:**Workers.**

Exposure method: Dermal contact.
 Potential health effects: Long term systemic effects.
 DNEL : 20.8 mg/kg body weight/day

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.
 DNEL : 73.5 mg of substance/m3

Final use:**Consumers.**

Exposure method: Ingestion.
 Potential health effects: Long term systemic effects.
 DNEL : 12.5 mg/kg body weight/day

Exposure method: Dermal contact.
 Potential health effects: Long term systemic effects.
 DNEL : 12.5 mg/kg body weight/day

Exposure method: Inhalation.
 Potential health effects: Long term systemic effects.

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DNEL : 21.7 mg of substance/m3

TERPINEOL (CAS: 8000-41-7)

Final use:

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Short term systemic effects.
5 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Long term systemic effects.
1.17 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Short term systemic effects.
5.8 mg of substance/m3

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
5.8 mg of substance/m3

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Ingestion.
Short term systemic effects.
2.5 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Ingestion.
Long term systemic effects.
0.42 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Short term systemic effects.
2.5 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Long term systemic effects.
0.42 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Short term systemic effects.
1.25 mg of substance/m3

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
1.25 mg of substance/m3

Predicted no effect concentration (PNEC):

DELTA-3-CARENE (CAS: 13466-78-9)

Environmental compartment:
PNEC :

Soil.
2.48 mg/kg

Environmental compartment:
PNEC :

Fresh water.
50 µg/l

Environmental compartment:
PNEC :

Sea water.
5 µg/kg

Environmental compartment:
PNEC :

Fresh water sediment.
11.88 mg/kg

Environmental compartment:

Marine sediment.

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PNEC :	1.19 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 3.26 mg/l
Environmental compartment: PNEC :	Fresh water predators (oral). 1.35 mg/kg
Environmental compartment: PNEC :	Salt water predators (oral). 1.35 mg/kg
LINALOOL (CAS: 78-70-6)	
Environmental compartment: PNEC :	Soil. 0.327 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.2 mg/l
Environmental compartment: PNEC :	Sea water. 0.02 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 2 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 2.22 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.222
GERANYL ACETATE (CAS: 105-87-3)	
Environmental compartment: PNEC :	Soil. 0.0859 mg/kg
Environmental compartment: PNEC :	Fresh water. 3.72 mg/l
Environmental compartment: PNEC :	Sea water. 0.372 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 37.2 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.442 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.0442 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 8 mg/l
MYRCENE (CAS: 123-35-3)	
Environmental compartment: PNEC :	Soil. 1.015 mg/kg
Environmental compartment: PNEC :	Fresh water. 8 µg/l
Environmental compartment:	Sea water.

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PNEC :	0.8 µg/l
Environmental compartment: PNEC :	Fresh water sediment. 5.022 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.502 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 0.2 mg/l
DL-CITRONELLOL (CAS: 106-22-9)	
Environmental compartment: PNEC :	Soil. 0.00371 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.0024 mg/l
Environmental compartment: PNEC :	Sea water. 0.00024 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.024 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.0256 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.00256 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 580 mg/l
CITRONELLAL (CAS: 106-23-0)	
Environmental compartment: PNEC :	Soil. 0.0267 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.00868 mg/l
Environmental compartment: PNEC :	Sea water. 0.00087 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.0868 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.159 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.0159 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 4 mg/l
DIHYDROMYRCENOL (CAS: 18479-58-8)	
Environmental compartment: PNEC :	Soil. 0.103 mg/kg
Environmental compartment:	Fresh water.

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PNEC :	27.8 µg/l
Environmental compartment: PNEC :	Sea water. 2.78 µg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.278 µg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.594 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.0594 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 10 mg/l
Environmental compartment: PNEC :	Fresh water predators (oral). 111 mg/kg
Environmental compartment: PNEC :	Salt water predators (oral). 111 mg/kg
TERPINEOL (CAS: 8000-41-7)	
Environmental compartment: PNEC :	Soil. 0.052 mg/kg
Environmental compartment: PNEC :	Fresh water. 62 µg/l
Environmental compartment: PNEC :	Sea water. 6.2 µg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.442 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.044 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 2.57 mg/l
Environmental compartment: PNEC :	Fresh water predators (oral). 16.6 mg/kg
Environmental compartment: PNEC :	Salt water predators (oral). 16.6 mg/kg

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

YZS-0333* LEMON**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****General information :**

Physical state : Fluid liquid.

Important health, safety and environmental information

pH : Not relevant.

Boiling point/boiling range : Not specified.

Flash Point : 47.00 °C.

Vapour pressure (50°C) : Not relevant.

Density : Not stated.

Water solubility : Insoluble.

Viscosity: $v < 7 \text{ mm}^2/\text{s}$ (40°C)

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Stockage : 1 year secure from air and light and heat

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

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10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

Stockage : 6 months secure from light and air, in packing of origin.

Stockage : 1 year secure from light and air, in packing of origin.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

Suspected human reproductive toxicant.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

11.1.1. Substances**Acute toxicity :**

DELTA-3-CARENE (CAS: 13466-78-9)

Oral route : LD50 = 4800 mg/kg

LINALOOL (CAS: 78-70-6)

Oral route : LD50 = 2790 mg/kg

TERPINOLENE (CAS: 586-62-9)

Oral route : LD50 = 3775 mg/kg

P-CYMENE (CAS: 99-87-6)

Oral route : LD50 = 4750 mg/kg

DL-CITRONELLOL (CAS: 106-22-9)

Oral route : LD50 = 3450 mg/kg

Dermal route : LD50 = 2650 mg/kg

EUCALYPTOL (CAS: 470-82-6)

Oral route : LD50 = 2480 mg/kg

2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE (CAS: 68039-49-6)

Oral route : LD50 = 3900 mg/kg

NEROL (CAS: 106-25-2)

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Oral route :	LD50 = 4500 mg/kg
CITRONELLAL (CAS: 106-23-0) Oral route :	LD50 = 2500 mg/kg
GERANIOL (CAS: 106-24-1) Oral route :	LD50 = 3600 mg/kg
DIHYDROMYRCENOL (CAS: 18479-58-8) Oral route :	LD50 = 3600 mg/kg
4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS: 32210-23-4) Oral route :	LD50 = 3370 mg/kg
TERPINEOL (CAS: 8000-41-7) Oral route :	LD50 = 4300 mg/kg
P-MENTHA-1,4-DIENE (CAS: 99-85-4) Oral route :	LD50 = 3850 mg/kg

11.1.2. Mixture**Aspiration hazard :**

May be fatal if swallowed and enters airways.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

CAS 100-42-5 : IARC Group 2A : The agent is probably carcinogenic to humans.

CAS 93-15-2 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

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Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2019 - IMDG 2018 - ICAO/IATA 2020).

14.1. UN number

1266

14.2. UN proper shipping name

UN1266=PERFUMERY PRODUCTS

14.3. Transport hazard class(es)

- Classification :



3

14.4. Packing group

III

14.5. Environmental hazards

- Environmentally hazardous material :

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5 L	163	E1	3	D/E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	3	-	III	5 L	F-E, S-D	163 223 904 955	E1	Category A	-

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	III	355	60 L	366	220 L	A3 A72	E1
	3	-	III	Y344	10 L	-	-	A3 A72	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/217 (ATP 14)

- Container information:

No data available.

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- Particular provisions :

No data available.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=2 Inflammability=2 Instability/Reactivity=1 Specific Risk=none

**15.2. Chemical safety assessment**

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child .
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.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

GHS08 : Health hazard

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

List of Allergenic Compounds

According Regulation 1223/2009/CE

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INCI Name	N° Cas	N° EINECS	Concentration (in %)
Alpha-Isomethyl Ionone	127-51-5	204-846-3	---
Amyl Cinnamal	122-40-7	204-541-5	0.019
Amylcinnamyl Alcohol	101-85-9	202-982-8	---
Anise Alcohol	105-13-5	203-273-6	---
Benzyl Alcohol	100-51-6	202-859-9	0.077
Benzyl Benzoate	120-51-4	204-402-9	0.002
Benzyl Cinnamate	103-41-3	203-109-3	---
Benzyl Salicylate	118-58-1	204-262-9	---
Butylphenyl Methylpropional	80-54-6	201-289-8	---
Cinnamal	104-55-2	203-213-9	---
Cinnamyl Alcohol	104-54-1	203-212-3	---
Citral	5392-40-5	226-394-6	12.551
Citronellol	106-22-9	203-375-0	0.892
Coumarin	91-64-5	202-086-7	---
Eugenol	97-53-0	202-589-1	---
Evernia Furfuracea (Treemoss) extract	90028-67-4	289-860-8	---
Evernia Prunastri (Oakmoss) extract	90028-68-5	289-861-3	---
Farnesol	4602-84-0	225-004-1	---
Geraniol	106-24-1	203-377-1	1.926
Hexyl Cinnamal	101-86-0	202-983-3	---
Hydroxycitronellal	107-75-5	203-518-7	0.032
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4	250-863-4	---
Isoeugenol	97-54-1	202-590-7	---
Limonene	5989-27-5	227-813-5	33.687
Linalool	78-70-6	201-134-4	0.400
Methyl 2-octynoate	111-12-6	203-836-6	---

This certificate is generated by calculation based on data for ingredients.

The information contained herein is, to the best of our knowledge, true and accurate at the time it is given. It is your responsibility to ensure that the usage of the fragrance ingredients and the levels of such usage are permitted at all times according to the relevant laws and regulations.

Detection limit of calculation is 10 ppm.

'---' = Levels of material less than 10 ppm

IFRA Conformity Certificate

Attn to : GILDEWERK BV

Perfumed composition : YZS-0333* LEMON

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA – 48th amendment published 10 June 2015), provided it is used in the following application(s) at a maximum concentration level of :

IFRA class(es) (see annex for detail)	Maximum level of use (%)
1	0,00
2	0,40
3.A	1,59
3.B	1,59
3.C	1,59
3.D	1,59
4.A	4,78
4.B	4,78
4.C	4,78
4.D	4,78
5	2,39
6	0,00
7.A	0,80
7.B	0,80
8.A	11,15
8.B	11,15
9.A	39,84
9.B	20,69
9.C	39,84
10.A	19,92
10.B	19,92
11	100,00

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

The IFRA standards regarding use restriction 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.

Issue date : 17/07/2020

Signature (if generated electronically, no signature)

Disclaimer :

This Certificate provide restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents.

ANNEX : Definition of IFRA Class

Finished products types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...) Lip wax;	1
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 deo-cologne and body spray, etc.). Nose pore strips. Fragranced bracelets.	2
Hydroalcoholic products applied to recently shaved skin (EdT range)	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. Men's facial creams and balms. Baby creams, lotions, oils. Body paint for children.	3.C
Tampons	3.D
Hydro alcoholic products applied to unshaved skin (includes aqueous based, alcoholic based and hydro alcoholic) like Cologne, eau de Cologne, Eau de Parfum or Parfum (EDT range). Ingredients of perfume kits. Scent packs, foil packs. Scent strips for hydro alcoholic products.	4.A
Hydro alcoholic products applied to unshaved skin (includes aqueous based, alcoholic based and hydro alcoholic) like Cologne, eau de Cologne, Eau de Parfum or Parfum (Fine Fragrance range). Solid perfumes.	4.B
Hair styling aids sprays of all types (pumps, aerosol sprays, etc.). Body creams, oils, lotions of all types (except baby creams, lotions and oils). Body sprays (including body mists) with no intended or reasonably foreseeable use on the axillae. Fragrance compound for cosmetic kits. Foot care products. Hair deodorant. Body paint (except those for children).	4.C
Fragrancing Creams of all types	4.D
Women's facial cream/facial make-up. Hand cream. Hand sanitizers. Facial masks. Baby powder and talc. Hair permanent and other hair chemical treatments (e. g. relaxers) but not hair dyes. Wipes or refreshing tissues for face, neck, hands, body. Dry shampoo or waterless shampoo.	5
Mouthwash including Breath sprays, Toothpaste	6
Intimate wipes, baby wipes.	7.A
Insect repellent (intended to be applied to the skin).	7.B
Make-up removers of all types (not including face cleansers). Hair styling aids non-spray of all types (mousse, gels, leave-on conditioners). Nail care. Powders and talcs, all types (except baby powders and talcs).	8.A
Hair dyes	8.B
Conditioner (rinse-off). Liquid soap. Shampoos of all types (including baby shampoos). Face cleansers of all types (washes gels, scrubs, etc.). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including waxes for mechanical hair removal). Body washes of all types (including baby washes) and shower gels of all types. Bar soap (toilet soap). Bath gels, foams, mousses, salts, oils and other products added to bath water.	9.A
Feminine hygiene – pads, liners. Toilet paper. Wheat bags.	9.B
Facial tissues. Fragranced masks (or surgical masks). Napkins. Paper towels. Other aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays).	9.C
Hand wash laundry detergents of all types including concentrates. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.). Machine wash laundry detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates. Hand dishwashing detergents including concentrates. Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Shampoos for pets. Dry cleaning kits. Scented gloves, socks, tights with moisturizers.	10.A
Diapers, Toilet seat wipes	10.B
All non-skin contact or incidental skin contact products including: Candles. Air fresheners and fragrancing of all types (concentrated aerosol with metered doses, range 0.05-0.5mL/spray), plugs-ins, solid substrate, membrane delivery, electrical). Air delivery systems. Cell phone cases. Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), reed diffusers. Liquid refills for air fresheners (cartridge systems). Shoe polishes. Deodorizers/maskers not intended for skin contact (e. g. fabric drying machine deodorizers, carpet powders). Insecticides (mosquito coil, paper, electrical, for clothing, etc.) excluding aerosols. Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization). Air freshening crystals. Toilet blocks. Joss sticks or incense sticks. Machine dishwash detergent and deodorizers. Machine-only laundry detergent (e. g. liquid tabs). Plastic articles (excluding toys). Fuels. Fragranced lamp ring. Scratch and Sniff (sampling technology). Paints. Cat litter. Animals sprays (all types). Treatment products for textiles (e. g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Odored distilled water (that can be added to steam irons).	11

Disclaimer :

This Certificate provide restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents.

IFRA Regulated Substances

Name	N° Cas	N° EINECS	Standard	%
2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE	68039-49-6	268-264-1	R	0.966
ALPHA-AMYL CINNAMIC ALDEHYDE (ACA)	122-40-7	204-541-5	R	0.019
BENZYL ALCOHOL	100-51-6	202-859-9	R	0.077
BENZYL BENZOATE	120-51-4	204-402-9	R	0.002
CARVONE	99-49-0	202-759-5	R	0.003
CITRAL	5392-40-5	226-394-6	R - S	12.551
DL-CITRONELLOL	106-22-9	203-375-0	R	0.892
EUGENYL METHYL ETHER/METHYLEUGENOL	93-15-2	202-223-0	R	0.002
GERANIOL	106-24-1	203-377-1	R	1.926
HYDROXYCITRONELLAL	107-75-5	203-518-7	R	0.032
ISOCYCLOCITRAL	1335-66-6	215-638-7	R	0.001
LIMONENE.	5989-27-5	227-813-5	R - S	33.687
LINALOOL	78-70-6	201-134-4	R - S	0.400
METHYL BETA-NAPHTHYL KETONE (2-ACETONAPHTHONE)	93-08-3	202-216-2	R	0.016

R-N = substances potentially generating of nitrosamines.

P = PROHIBITED (except authorized traces)

R = quantitative Restriction

S = physico-chemicals Specifications

Limites d'indication : 0,001 % (10 ppm); all substances below 10 ppm are not reported.