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SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

1.1. Product identifier

Product name : Lavendel Provence

Product code : YZS-1202*

UFI : C6A3-40VQ-400X-TXDE

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

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

1.4 Emergency telephone number

Only for professionals (English or Dutch only)
Tel +31 (0) 30 -2748888 (Nationaal Vergiftigingen Informatie Centrum (NVIC)

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

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

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

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

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

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

Hazard pictograms :

GHS07

GHS09

Signal Word :

WARNING

Product identifiers :

EC 939-728-7	MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL
EC 202-983-3	ALPHA-HEXYLCINNAMALDEHYDE
EC 201-134-4	LINALOOL
EC 204-116-4	LINALYL ACETATE
EC 202-086-7	COUMARIN
EC 207-431-5	EUCALYPTOL
EC 204-891-9	NOPYL ACETATE
EC 203-765-0	2-METHYLUNDECANAL
EC 204-872-5	BETA-PINENE
EC 201-746-1	BETA-CARYOPHYLLENE
EC 227-813-5	D-LIMONENE
EC 201-291-9	ALPHA-PINENE
EC 229-352-5	L-CARVONE
EC 237-539-8	CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL

EC 243-384-7 CEDROL METHYL ETHER

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.

Precautionary statements - Prevention :

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 :

P302 + P352	IF ON SKIN: Wash with plenty of 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.
P321	Specific treatment (see ... on this label).
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 - 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) >= 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.

The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 80-25-1 EC: 939-728-7 REACH: 01-2119983293-30-0000 MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL	GHS07, GHS09 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411		10 <= x % < 25
CAS: 101-86-0 EC: 202-983-3 REACH: 01-2119533092-50-0000 ALPHA-HEXYLCINNAMALDEHYDE	GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		10 <= x % < 25
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		10 <= x % < 25
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: 115-95-7 EC: 204-116-4 REACH: 01-2119454789-19-0001 LINALYL ACETATE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		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: 76-22-2 EC: 200-945-0 REACH: 01-2119966156-31-XXXX 1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE	GHS02, GHS05, GHS07, GHS08, GHS09 Dgr 228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 2, H371 Aquatic Chronic 2, H411	[1]	2.5 <= x % < 10
HYDROCARBONS	GHS08 Dgr Asp. Tox. 1, H304		0 <= x % < 2.5
CAS: 91-64-5 EC: 202-086-7 REACH: 01-2119943756-26-0001 COUMARIN	GHS07 Wng Acute Tox. 4, H302 Skin Sens. 1B, H317		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 Eye Irrit. 2, H319		0 <= x % < 2.5
CAS: 128-51-8 EC: 204-891-9 REACH: 01-2119982322-38-0000 NOPYL ACETATE	GHS07, GHS09 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411		0 <= x % < 2.5
CAS: 101-84-8 EC: 202-981-2 DIPHENYL ETHER	GHS07, GHS09 Wng Eye Irrit. 2, H319 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1	[1]	0 <= x % < 2.5
CAS: 140-11-4 EC: 205-399-7 REACH: 01-2119638272-42-XXXX BENZYL ACETATE	Wng Aquatic Chronic 3, H412	[1]	0 <= x % < 2.5
CAS: 110-41-8 EC: 203-765-0 REACH: 01-2119969443-29-0005 2-METHYLUNDECANAL	GHS07, GHS09 Wng 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: 1222-05-5 EC: 214-946-9 REACH: 01-2119488227-29-XXXX HEXAMETHYLINDANOPYRAN (HHCB)	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5

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		0 <= x % < 2.5
CAS: 87-44-5 EC: 201-746-1 REACH: 01-2120745237-53-XXXX BETA-CARYOPHYLLENE	GHS07, GHS08 Dgr Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Chronic 4, H413		0 <= x % < 2.5
CAS: 5989-27-5 EC: 227-813-5 REACH: 01-2119529223-47-xxxx D-LIMONENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1		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: 6485-40-1 EC: 229-352-5 REACH: 01-2119962458-25-XXXX L-CARVONE	GHS07 Wng Skin Sens. 1B, H317		0 <= x % < 2.5
CAS: 13828-37-0 EC: 237-539-8 REACH: 01-2119983532-32-XXXX CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317		0 <= x % < 2.5
CAS: 19870-74-7 EC: 243-384-7 REACH: 01-2120228335-61-XXXX CEDROL METHYL ETHER	GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5

Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 101-86-0 EC: 202-983-3 REACH: 01-2119533092-50-0000 ALPHA-HEXYLCINNAMALDEHYDE		oral: ATE = 3100 mg/kg BW
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL		oral: ATE = 2790 mg/kg BW

CAS: 8000-41-7 EC: 232-268-1 REACH: 01-2119553062-49-XXXX TERPINEOL		oral: ATE = 4300 mg/kg BW
CAS: 18479-58-8 EC: 242-362-4 REACH: 01-2119457274-37-008 DIHYDROMYRCENOL		oral: ATE = 3600 mg/kg BW
CAS: 76-22-2 EC: 200-945-0 REACH: 01-2119966156-31-XXXX 1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE	STOT SE 2 (Inh) : H371 C>= 10%	oral: ATE = 1500 mg/kg BW
CAS: 470-82-6 EC: 207-431-5 REACH: 01-2119967772-24-0018 EUCALYPTOL		oral: ATE = 2480 mg/kg BW
CAS: 128-51-8 EC: 204-891-9 REACH: 01-2119982322-38-0000 NOPYL ACETATE		oral: ATE = 2940 mg/kg BW
CAS: 101-84-8 EC: 202-981-2 DIPHENYL ETHER		oral: ATE = 2830 mg/kg BW
CAS: 140-11-4 EC: 205-399-7 REACH: 01-2119638272-42-XXXX BENZYL ACETATE		oral: ATE = 2490 mg/kg BW
CAS: 6485-40-1 EC: 229-352-5 REACH: 01-2119962458-25-XXXX L-CARVONE		dermal: ATE = 3800 mg/kg BW oral: ATE = 2500 mg/kg BW

Information on ingredients :

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

[1] Substance for which maximum workplace exposure limits are available.

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 aera 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.

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

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

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

No data available.

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

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.

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.

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.

Fire prevention :

Handle in well-ventilated areas.

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.

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.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

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

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

Occupational exposure limits :

- European Union (2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
101-84-8	7	1	14	2	-

- France (INRS - ED984 / 2020-1546) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
76-22-2	2	12	-	-	-	-
101-84-8	1	7	2	14	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
76-22-2	2 ppm 13 mg/m3	3 ppm 19 mg/m3			
101-84-8	1 ppm 7 mg/m³	2 ppm 14 mg/m³			

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

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.

DNEL :	21.7 mg of substance/m3

LINALYL ACETATE (CAS: 115-95-7)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Short term local effects.
DNEL :	8 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 :	8 mg of substance/cm2
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	2.75 mg of substance/m3
Final use:	**Consumers.**
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 :	8 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 :	8 mg of substance/cm2
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	0.68 mg of substance/m3

TERPINEOL (CAS: 8000-41-7)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Short term systemic effects.
DNEL :	5 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	1.17 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Short term systemic effects.
DNEL :	5.8 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	5.8 mg of substance/m3

Final use:	**Consumers.**
Exposure method:	Ingestion.
Potential health effects:	Short term systemic effects.
DNEL :	2.5 mg/kg body weight/day
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:	Short term systemic effects.
DNEL :	2.5 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:	Short term systemic effects.
DNEL :	1.25 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	1.25 mg of substance/m3

LINALOOL (CAS: 78-70-6)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Short term systemic effects.
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:	**Consumers.**
Exposure method:	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

ALPHA-HEXYLCINNAMALDEHYDE (CAS: 101-86-0)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Short term local effects.
DNEL :	0.525 mg of substance/cm2
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	18.2 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term local effects.
DNEL :	0.525 mg of substance/cm2
Exposure method:	Inhalation.
Potential health effects:	Short term local effects.
DNEL :	6.28 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	0.078 mg of substance/m3

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)

Final use:	**Workers.**
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:	Long term local effects.
DNEL :	233.3 µg of substance/cm2
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.

DNEL :	3.51 mg of substance/m3
Final use:	**Consumers.**
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	0.5 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	0.5 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	0.85 mg of substance/m3

Predicted no effect concentration (PNEC):

DIHYDROMYRCENOL (CAS: 18479-58-8)

Environmental compartment:	Soil.
PNEC :	0.103 mg/kg
Environmental compartment:	Fresh water.
PNEC :	27.8 µg/l
Environmental compartment:	Sea water.
PNEC :	2.78 µg/l
Environmental compartment:	Intermittent waste water.
PNEC :	0.278 µg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.594 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.0594 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	10 mg/l
Environmental compartment:	Fresh water predators (oral).
PNEC :	111 mg/kg
Environmental compartment:	Salt water predators (oral).
PNEC :	111 mg/kg

LINALYL ACETATE (CAS: 115-95-7)

Environmental compartment:	Soil.
PNEC :	0.115 mg/kg
Environmental compartment:	Fresh water.
PNEC :	0.011 mg/l
Environmental compartment:	Sea water.
PNEC :	0.0011 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	0.11 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.609 mg/kg

Environmental compartment:	Marine sediment.
PNEC :	0.0609 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	10 mg/l

TERPINEOL (CAS: 8000-41-7)

Environmental compartment:	Soil.
PNEC :	0.052 mg/kg
Environmental compartment:	Fresh water.
PNEC :	62 µg/l
Environmental compartment:	Sea water.
PNEC :	6.2 µg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.442 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.044 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	2.57 mg/l
Environmental compartment:	Fresh water predators (oral).
PNEC :	16.6 mg/kg
Environmental compartment:	Salt water predators (oral).
PNEC :	16.6 mg/kg

LINALOOL (CAS: 78-70-6)

Environmental compartment:	Soil.
PNEC :	0.327 mg/kg
Environmental compartment:	Fresh water.
PNEC :	0.2 mg/l
Environmental compartment:	Sea water.
PNEC :	0.02 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	2 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	2.22 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.222

ALPHA-HEXYLCINNAMALDEHYDE (CAS: 101-86-0)

Environmental compartment:	Soil.
PNEC :	9.51 mg/kg
Environmental compartment:	Fresh water.
PNEC :	0.03 mg/l
Environmental compartment:	Sea water.
PNEC :	0.003 mg/l
Environmental compartment:	Fresh water sediment.

PNEC :	4.7 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	4.77 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	10 mg/l

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)

Environmental compartment:	Soil.
PNEC :	49.4 µg/kg
Environmental compartment:	Fresh water.
PNEC :	2.27 µg/l
Environmental compartment:	Sea water.
PNEC :	0.227 µg/l
Environmental compartment:	Intermittent waste water.
PNEC :	22.7 µg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.254 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	25.4 µg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	1.7 mg/l
Environmental compartment:	Salt water predators (oral).
PNEC :	19.92 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.

- 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 EN ISO 374-1.

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)

- 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/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 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

Physical state	
Physical state :	Fluid liquid.
Colour	
Unspecified	
Odour	
Odour threshold :	Not stated.
Melting point	
Melting point/melting range :	Not specified.
Freezing point	
Freezing point / Freezing range :	Not stated.
Boiling point or initial boiling point and boiling range	
Boiling point/boiling range :	Not specified.
Flammability	
Flammability (solid, gas) :	Not stated.
Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%) :	Not stated.
Explosive properties, upper explosivity limit (%) :	Not stated.
Flash point	
Flash Point :	88.00 °C.
Auto-ignition temperature	
Self-ignition temperature :	Not specified.
Decomposition temperature	
Decomposition point/decomposition range :	Not specified.
pH	
pH :	Not relevant.
pH (aqueous solution) :	Not stated.
Kinematic viscosity	
Viscosity :	Not stated.
Viscosity:	v < 7 mm2/s (40°C)
Solubility	
Water solubility :	Insoluble.
Fat solubility :	Not stated.
Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water :	Not stated.
Vapour pressure	
Vapour pressure (50°C) :	Not relevant.
Density and/or relative density	
Density :	Not stated.
Relative vapour density	
Vapour density :	Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

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.

10.4. Conditions to avoid

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 hazard classes as defined in Regulation (EC) No 1272/2008

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.

11.1.1. Substances

Acute toxicity :

L-CARVONE (CAS: 6485-40-1)

Oral route :	LD50 = 2500 mg/kg
Dermal route :	LD50 = 3800 mg/kg

BENZYL ACETATE (CAS: 140-11-4)

Oral route :	LD50 = 2490 mg/kg

DIPHENYL ETHER (CAS: 101-84-8)

Oral route :	LD50 = 2830 mg/kg

NOPYL ACETATE (CAS: 128-51-8)

Oral route :	LD50 = 2940 mg/kg

EUCALYPTOL (CAS: 470-82-6)

Oral route :	LD50 = 2480 mg/kg

1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE (CAS: 76-22-2)

Oral route :	LD50 = 1500 mg/kg

DIHYDROMYRCENOL (CAS: 18479-58-8)
Oral route : LD50 = 3600 mg/kg

TERPINEOL (CAS: 8000-41-7)
Oral route : LD50 = 4300 mg/kg

LINALOOL (CAS: 78-70-6)
Oral route : LD50 = 2790 mg/kg

ALPHA-HEXYLCINNAMALDEHYDE (CAS: 101-86-0)
Oral route : LD50 = 3100 mg/kg

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)
Oral route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route : LD50 > 2000 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

Respiratory or skin sensitisation :

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)
May cause an allergic skin reaction.
Local lymph node stimulation test : Sensitiser.
Species : Mouse
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

11.1.2. Mixture

No toxicological data available for the mixture.

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 97-53-0 : 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 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 140-11-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 91-64-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

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

12.1. Toxicity

12.1.1. Substances

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)
Fish toxicity : LC50 = 2.27 mg/l
Species : Danio rerio
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 4.63 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity :	ECr50 = 2.73 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)

Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

12.3.1. Substances

MASSE DE RÉACTION / REACTION MASS CIS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL ACÉTATE ET TRANS-1-MÉTHYL-1-(4-MÉTHYLCYCLOHEXYL) ÉTHYL (CAS: 80-25-1)

Octanol/water partition coefficient :	log Koe = 4.26

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. 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.

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 2021 - IMDG 2020 - ICAO/IATA 2021).

14.1. UN number or ID number

3082

14.2. UN proper shipping name

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(alpha-hexylcinnamaldehyde)

14.3. Transport hazard class(es)

- Classification :

9

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
	9	M6	III	9	90	5 L	274 335 375 601	E1	3	-

Not subject to this regulation if Q <= 5 l / 5 kg (ADR 3.3.1 - DS 375)

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	9	-	III	5 L	F-A. S-F	274 335 969	E1	Category A	-

Not subject to this regulation if Q <= 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	964	450 L	964	450 L	A97 A158 A197 A215	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158 A197 A215	E1

Not subject to this regulation if Q <= 5 l / 5 kg (IATA 4.4.4 - DS A197)

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.

Marine pollutant (IMDG 3.1.2.9):(alpha-hexylcinnamaldehyde)

14.7. Maritime transport in bulk according to IMO instruments

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. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

- Container information:

No data available.

- Particular provisions :

No data available.

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.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H371	May cause damage to organs .
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.
H413	May cause long lasting harmful effects to aquatic life.

Abbreviations :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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 : Wassergefahrdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

Calculated on 15/02/2022

www.gildewerk.com

List of Allergenic Compounds

According Regulation 1223/2009/CE

YZS-1202* Lavander Provance

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	0.008
Amylcinnamyl Alcohol	101-85-9	202-982-8	---
Anise Alcohol	105-13-5	203-273-6	---
Benzyl Alcohol	100-51-6	202-859-9	0.009
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	---
Citronellol	106-22-9	203-375-0	---
Coumarin	91-64-5	202-086-7	1.645
Eugenol	97-53-0	202-589-1	0.011
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	0.069
Hexyl Cinnamal	101-86-0	202-983-3	16.190
Hydroxycitronellal	107-75-5	203-518-7	---
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4	250-863-4	---

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

INCI Name	N° Cas	N° EINECS	Concentration (in %)
Isoeugenol	97-54-1	202-590-7	---
Limonene	5989-27-5	227-813-5	0.399
Linalool	78-70-6	201-134-4	10.522
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

CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

Issue date : 15/02/2022

Perfumed composition : YZS-1202 lavander Provence

We certify that the above mixture:
complies with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 50th Amendment to the IFRA Code of Practice (published June 2021), provided it is used in the following categories at a maximum concentration level of:

IFRA class(es) (see annex for detail)	Maximum level of use (%)
1	0,00
2	3,27
3	5,41
4	61,15
5A	15,44
5B	6,69
5C	9,73
5D	2,13
6	0,00
7A	10,94
7B	10,94
8	2,13
9	31,62
10A	31,62
10B	97,28
11A	2,13
11B	2,13
12	100,00

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Gildewerk.
Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the above mixture is as follows:

ANNEX : Definition of IFRA Class

Finished products types	IFRA class
Lip products of all type (solid and liquid lipsticks, balms, clear or colored etc.)Children's toys	**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, deocologne and body spray, etc.)Body sprays (including body mist)	**2**
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eyecare and moisturizer.Facial make-up and foundation. Make-up remover for face and eyes.Nose pore strips.Wipes or refreshing tissues for face, neck, hands, body.Body and face paint (for children and adults).Facial masks for face and around the eyes.	**3**
Hydroalcoholic and non-hydroalcoholicfine fragrance of all types (Eau deToilette, Parfum, Cologne, solid perfume, fragrancing cream,aftershaves of all types, etc.)Ingredients of perfume kits and fragrance mixtures for cosmetic kits.Scent pads, foil packs.Scent strips for hydroalcoholic products.	**4**
Body lotion products applied to the body using the hands (palms), primarily leave-on : Body creams, oils, lotions of all types. Foot care products (creams and powders).Insect repellent (intended to be applied to the skin).All powders and talc (excluding baby powders and talc).	**5A**
Face moisturizer products applied to the face using the hands (palms), primarily leave-onFacial toner - Facial moisturizers and creams.	**5B**
Hand cream products applied to the hands using the hands (palms), primarily leave-onHand cream - Nail care products including cuticle creams, etc...Hand sanitizers -	**5C**
Baby Creams, baby Oils and baby talc	**5D**
Products with oral and lip exposure :Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets	**6**
"Rinse-off products applied to the hair with some hand contact Hair permanent or other hair chemicaltreatments (rinse-off) including rinse-off hair dyes "	**7A**
"Leave-on products applied to the hair with hand contact Hair sprays of all types (pumps,aerosol sprays, etc.) Hair styling aids non sprays (mousse,gels, leave- on conditioners) Hair permanent or other hair chemicaltreatments (leave-on) (e.g. relaxers),including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer "	**7B**
"Products with significant anogenital exposure Intimate wipes Tampons Toilet paper (wet) "	**8**
"Rinse off products with body and hand exposure : Bar soap Shampoo of all type Cleanser for face (rinse-off) Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types Bath gels, foams, mousses, salts, oilsand other products added to bathwater Foot care products (feet are placed ina bath for soaking) Shaving creams of all types (stick,gels, foams, etc.) All depilatories (including facial) andwaxes for mechanical hair removal Shampoos for pets "	**9**
"Household care products with mostly hand contact : excluding aerosol/spray products Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (includingconcentrates) Hard surface cleaners of all types (bathroom and kitchen cleansers,furniture polish, etc.) Machine laundry detergents with skin contact (e.g. liquids, powders)including concentrates Dry cleaning kits Toilet seat wipes Fabric softeners of all types including fabric softener sheets Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles orfabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems),etc. Ironing water (Odorized distilled water) "	**10A**
"Household care products with mostly hand contact : aerosol/spray products Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, includingaerosol and pump Aerosol/spray insecticides "	**10B**
"Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure Feminine hygiene conventional pads, liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry) "	**11A**
"Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure Tights with moisturizers Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels	**11B**

Wheat bags Facial masks (paper/protective) e.g. surgical masks not used as medical device Fertilizers, solid (pellet or powder) "	
"Products not intended for direct skin contact, minimal or insignificant transfer to skin Candles of all types (includingencased) Laundry detergents for machine wash with minimal skin contact (e.g. Liquidtabs, pods) Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals) Air delivery systems Cat litter Cell phone cases Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Fuels Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excludingaerosols/sprays Joss sticks or incense sticks Dishwash detergent and deodorizers – for machine wash Olfactive board games Paints Plastic articles (excluding toys) Scratch and sniff Scent pack Scent delivery system (using dry air technology) Shoe polishes Rim blocks (Toilet) "	**12**

This certificate is generated by calculation based on data for ingredients. 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. The information contained herein is, to the best of Gildewerks 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. Any Customer product, marketing or other claims are Customer's sole responsibility.

IFRA Regulated Substances

Name	N° Cas	N° EINECS	Standard	%
ALPHA-AMYLCINNAMIC ALDEHYDE (ACA)	122-40-7	204-541-5	R	0.008
ALPHA-HEXYLCINNAMALDEHYDE	101-86-0	202-983-3	R	16.190
AMYL VINYL CARBINYL ACETATE (1-OCTEN-3-YL ACETATE)	2442-10-6	219-474-7	R	0.012
BENZYL ALCOHOL	100-51-6	202-859-9	R	0.009
BENZYL BENZOATE	120-51-4	204-402-9	R	0.002
CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL	13828-37-0	237-539-8	R	0.126
COUMARIN	91-64-5	202-086-7	R	1.645
CUMINALDEHYDE	122-03-2	204-516-9	R	0.004
CYCLAMEN ALDEHYDE (2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE)	103-95-7	203-161-7	R - S	0.063
EUGENOL	97-53-0	202-589-1	R	0.011
EUGENYL METHYL ETHER/METHYLEUGENOL	93-15-2	202-223-0	R	0.002
FC: 7-METHOXY COUMARINE	531-59-9	208-513-3	R - S	0.010
GERANIOL	106-24-1	203-377-1	R	0.069
L-CARVONE	6485-40-1	229-352-5	R	0.286
LIMONENE.	5989-27-5	227-813-5	R - S	0.399
LINALOOL	78-70-6	201-134-4	R - S	10.522
P-ISOBUTYL-ALPHA-METHYL HYDROCINNAMALDEHYDE	6658-48-6	229-695-0	R	0.017

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

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