www.gildewerk.com

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 : PERFUME OIL CITRUS FRUIT

Product code : YZS-0125*

UFI : ARA0-10H5-800Y-D8SX

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.

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

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

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

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 3 (Aquatic Chronic 3, H412).

2.2. Label elements

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

Hazard pictograms :

GHS09 GHS08 GHS02 GHS07

Signal Word :

DANGER

Product identifiers :

EC 227-813-5	D-LIMONENE
EC 201-134-4	LINALOOL
EC 226-394-6	CITRAL
EC 203-375-0	DL-CITRONELLOL
EC 201-061-8	ETHYL METHYLPHENYLGLYCIDATE
EC 203-377-1	GERANIOL
EC 205-459-2	NERYL ACETATE
EC 201-291-9	ALPHA-PINENE
EC 204-872-5	BETA-PINENE
EC 203-341-5	GERANYL ACETATE
EC 220-292-5	ALLYL CYCLOHEXANEPROPIONATE
EC 245-845-8	ALPHA-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE
EC 260-709-8	DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE
EC 203-378-7	NEROL

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.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements - Prevention :

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].
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.
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) >= 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	Classification (EC) 1272/2008	Note	%
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		25 <= x % < 50
CAS: 84-66-2 EC: 201-550-6 REACH: 01-2119486682-27-XXXX DIETHYL PHTHALATE		[1]	25 <= x % < 50
HYDROCARBONS	GHS08 Dgr Asp. Tox. 1, H304		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		2.5 <= x % < 10
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		0 <= x % < 2.5
CAS: 128-37-0 EC: 204-881-4 REACH: 01-2119555270-46-XXXX BHT	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[1]	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: 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: 77-83-8 EC: 201-061-8 REACH: 01-2119967770-28-0001 ETHYL METHYLPHENYLGLYCIDATE	GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411		0 <= x % < 2.5
CAS: 106-24-1 EC: 203-377-1 REACH: 01-2119552430-49-0003 GERANIOL	GHS05, GHS07 Dgr Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318		0 <= x % < 2.5
CAS: 141-12-8 EC: 205-459-2 REACH: 01-2119982322-38-0000 NERYL ACETATE	GHS07 Wng Skin Sens. 1B, H317		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: 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: 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: 2705-87-5 EC: 220-292-5 REACH: 01-2119976355-27-0001 ALLYL CYCLOHEXANEPROPIONATE	GHS07, GHS09 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Sens. 1, H317 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 2.5
CAS: 43052-87-5 EC: 245-845-8 ALPHA-1-(2,6,6-TRIMETHYL-2-CYCLOHEX EN-1-YL)-2-BUTEN-1-ONE	GHS07, GHS09 Wng Acute Tox. 4, H302 Skin Sens. 1B, H317 Aquatic Chronic 2, H411		0 <= x % < 2.5
CAS: 57378-68-4 EC: 260-709-8 REACH: 01-2119535122-53-XXXX DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXE N-1-YL)-2-BUTEN-1-ONE	GHS07, GHS09 Wng Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		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

Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL		oral: ATE = 2790 mg/kg BW
CAS: 106-22-9 EC: 203-375-0 REACH: 01-2119453995-23-XXXX DL-CITRONELLOL		dermal: ATE = 2650 mg/kg BW oral: ATE = 3450 mg/kg BW
CAS: 106-24-1 EC: 203-377-1 REACH: 01-2119552430-49-0003 GERANIOL		oral: ATE = 3600 mg/kg BW
CAS: 2705-87-5 EC: 220-292-5 REACH: 01-2119976355-27-0001 ALLYL CYCLOHEXANEPROPIONATE		dermal: ATE = 1600 mg/kg BW oral: ATE = 380 mg/kg BW
CAS: 43052-87-5 EC: 245-845-8 ALPHA-1-(2,6,6-TRIMETHYL-2-CYCLOHEX EN-1-YL)-2-BUTEN-1-ONE		dermal: ATE = 2900 mg/kg BW oral: ATE = 1670 mg/kg BW
CAS: 57378-68-4 EC: 260-709-8 REACH: 01-2119535122-53-XXXX DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXE N-1-YL)-2-BUTEN-1-ONE		oral: ATE = 1400 mg/kg BW

CAS: 106-25-2 EC: 203-378-7 REACH: 01-2119983244-33-0000 NEROL		oral: ATE = 4500 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.

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.

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
- 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.

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 ground when decanting. Wear antistatic shoes and clothing and make floors of 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.

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.

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

Occupational exposure limits :

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
84-66-2	-	5	-	-	-	-
128-37-0	-	10	-	-	-	-

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
84-66-2	5 mg/m3	10 mg/m3			
128-37-0	10 mg/m3				

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

GERANYL ACETATE (CAS: 105-87-3)

Final use: **Workers.**
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 35.5 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 62.59 mg of substance/m3

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/m3

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/m3

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.
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

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/m3
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/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

Predicted no effect concentration (PNEC):

GERANYL ACETATE (CAS: 105-87-3)

Environmental compartment:	Soil.
PNEC :	0.0859 mg/kg
Environmental compartment:	Fresh water.
PNEC :	3.72 mg/l
Environmental compartment:	Sea water.
PNEC :	0.372 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	37.2 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.442 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.0442 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	8 mg/l

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

Environmental compartment:	Soil.
PNEC :	0.00371 mg/kg
Environmental compartment:	Fresh water.

PNEC :	0.0024 mg/l
Environmental compartment:	Sea water.
PNEC :	0.00024 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	0.024 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.0256 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.00256 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	580 mg/l

MYRCENE (CAS: 123-35-3)

Environmental compartment:	Soil.
PNEC :	1.015 mg/kg
Environmental compartment:	Fresh water.
PNEC :	8 µg/l
Environmental compartment:	Sea water.
PNEC :	0.8 µg/l
Environmental compartment:	Fresh water sediment.
PNEC :	5.022 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.502 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	0.2 mg/l

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

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 in accordance with standard EN166.

- 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 :	56.00 °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.

Particle characteristics

The mixture does not contain nanoforms.

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

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 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.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

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 :

NEROL (CAS: 106-25-2)
Oral route : LD50 = 4500 mg/kg bodyweight/day

DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (CAS: 57378-68-4)
Oral route : LD50 = 1400 mg/kg bodyweight/day

ALPHA-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (CAS: 43052-87-5)
Oral route : LD50 = 1670 mg/kg bodyweight/day

Dermal route : LD50 = 2900 mg/kg bodyweight/day

ALLYL CYCLOHEXANEPROPIONATE (CAS: 2705-87-5)
Oral route : LD50 = 380 mg/kg bodyweight/day

Dermal route : LD50 = 1600 mg/kg bodyweight/day

GERANIOL (CAS: 106-24-1)
Oral route : LD50 = 3600 mg/kg bodyweight/day

DL-CITRONELLOL (CAS: 106-22-9)
Oral route : LD50 = 3450 mg/kg bodyweight/day

Dermal route : LD50 = 2650 mg/kg bodyweight/day

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

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.

11.2. Information on other hazards

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

CAS 71-43-2 : IARC Group 1 : The agent is carcinogenic to humans.

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

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

CAS 108-88-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

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 123-35-3 : 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 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. 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, 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 2023 - IMDG 2022 [41-22] - ICAO/IATA 2023 [64]).

14.1. UN number or ID 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.

Marine pollutant (IMDG 3.1.2.9):(d-limonene)

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. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): https://echa.europa.eu/substances-restricted-under-reach.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

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.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms :

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

Gildewerk

www.gildewerk.com

Calculated on 27/03/2024

List of Allergenic Compounds

According Regulation (EU) 2023/1545 of 26 July 2023 amending Regulation (EC) No 1223/2009

PERFUME OIL CITRUS FRUIT - YZS-0125*

INCI Name	N° Cas	N° EINECS	Concentration (in %)
Camphor	464-48-2 76-22-2 464-49-3 21368-68-3	207-354-7 200-945-0 207-355-2 244-350-4	-
Terpineol	138-87-4 98-55-5 586-81-2 8000-41-7	205-342-6 202-680-6 209-584-3 232-268-1	0.281
3-Propylidenephthalide	17369-59-4	241-402-8	---
6-Methyl Coumarin	92-48-8	202-158-8	-
Acetyl Cedrene	32388-55-9	251-020-3	-
Alpha-Isomethyl Ionone	127-51-5	204-846-3	—
Pinene	80-56-8 127-91-3 7785-70-8 18172-67-3	201-291-9 204-872-5 232-087-8 242-060-2	0.85
Santalol	115-71-9 77-42-9 11031-45-1	204-102-8 201-027-2 234-262-4	-
Alpha-Terpinene	99-86-5	202-795-1	0.021
Amyl Cinnamal	122-40-7	204-541-5	-
Amyl Salicylate	2050-08-0	218-080-2	-
Amylcinnamyl Alcohol	101-85-9	202-982-8	-
Anethole	104-46-1 4180-23-8	203-205-5 224-052-0	-
Anise Alcohol	105-13-5	203-273-6	-
Benzaldehyde	100-52-7	202-860-4	-
Benzyl Alcohol	100-51-6	202-859-9	--
Benzyl Benzoate	120-51-4	204-402-9	--
Benzyl Cinnamate	103-41-3	203-109-3	-

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Detection limit of calculation is 10 ppm.
'---' = Levels of material less than 10 ppm

INCI Name	N° Cas	N° EINECS	Concentration (in%)
Benzyl Salicylate	118-58-1	204-262-9	-
Beta-Caryophyllene	87-44-5	201-746-1	0.043
Butylphenyl Methylpropional	80-54-6	201-289-8	-
Cananga Odorata Oil/Extract	68606-83-7 8006-81-3	297-681-1 281-092-1	
Caivone	99-49-0 2244-16-8 6485-40-1	202-759-5 218-827-2 229-352-5	0.114
Cedrus Atlantica Oil/Extract	8023-85-6 92201-55-3	295-985-9	
Cinnamal	104-55-2	203-213-9	-
Cinnamomum Cassia Leaf Oil	8007-80-5	284-635-0	-
Cinnamomum Zeylanicum Bark Oil	8015-91-6 84649-98-9	283-479-0 283-479-0	-
Cinnamyl Alcohol	104-54-1	203-212-3	-
Rose Ketones	23726-92-3 23726-94-5 43052-87-5 57378-68-4 23696-85-7 24720-09-0 23726-91-2 71048-82-3	245-843-7 245-845-8 245-845-8 260-709-8 245-833-2 246-430-4 245-842-1 275-156-8	0.56
Isoeugenol	5912-86-7 97-54-1 5932-68-3	202-590-7 227-678-2	-
Citral	5392-40-5 141-27-5 106-26-3	226-394-6 205-476-5 203-379-2	1.103
Citronellol	106-22-9 1117-61-9 26489-01-0 0 7540-51-4	203-375-0 231-415-7	0.86
Citrus Aurantium Flower Oil	72968-50-4 8028-48-6 8016-38-4	277-143-2 232-433-8 277-143-2	-
Citrus Aurantium Peel Oil	68916-04-1 97766-30-8 8008-57-9	277-143-2 232-433-8	-
Citrus Aurantium Bergamia Peel Oil	8007-75-8		-
Citrus Limon Peel Oil	8008-56-8	284-515-8	-
Coumarin	91-64-5	202-086-7	-
Lemongrass Oil	8007-02-1	289-752-0	-
Limonene	7705-14-8 5989-27-5 138-86-3 5989-54-8	231-732-0 227-813-5 205-341-0 227-815-6	41.579
Dimethyl Phenethyl Acetate	151-05-3	205-781-3	0.07

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

INCI Name	N° Cas	N° EINECS	Concentration (in%)
Menthol	1490-04-6 15356-60-2 2216-51-5 89-78-1	216-074-4 239-387-8 218-690-9 201-939-0	
Eucalyptus Globulus Oil	8000-48-4	283-406-2	-
Eugenia Caryophyllus Oil	8000-34-8	284-638-7	-
Eugenol	97-53-0	202-589-1	-
Eugenyl Acetate	93-28-7	202-235-6	--
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	0.004
Geraniol	106-24-1	203-377-1	0.594
Geranyl Acetate	105-87-3	203-341-5	0.387
Hexadecanolactone	109-29-5	203-662-0	-
Hexamethylindanopyran	1222-05-5	214-946-9	-
Hexyl Cinnamal	101-86-0	202-983-3	-
Hydroxycitronellal	107-75-5	203-518-7	-
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4	250-863-4	-
Isoeugenyl Acetate	93-29-8	202-236-1	-
Jasmine Oil/Extract	84776-64-7 8022-96-6	283-993-5 283-993-5	-
Juniperus Virginiana Oil	8000-27-9		-
Laurus Nobilis Leaf Oil	8002-41-3	283-272-5	-
Lavandula Oil/Extract	84776-65-8 8022-15-9 92623-76-2	283-994-0 294-470-6 296-408-3	
Linalool	78-70-6	201-134-4	4.759
Linalyl Acetate	115-95-7	204-116-4	-
Lippia Citriodora absolute	8024-12-2 85116-63-8	285-515-0 285-515-0	
Mentha Piperita Oil	8006-90-4		-
Mentha Viridis Leaf Oil	84696-51-5 8008-79-5	283-656-2	0.01
Methyl 2-octynoate	111-12-6	203-836-6	-
Methyl Salicylate	119-36-8	204-317-7	-
Myroxylon Pereirae Oil/Extract	8007-00-9	232-352-8	--

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Detection limit of calculation is 10 ppm.
'---'=Levels of material less than 10 ppm

INCI Name	N° Cas	N° EINECS	Concentration (in %)
Narcissus Extract	90064-25-8 68917-12-4 90064-27-0	290-088-9	-
Pelargonium Graveolens Flower Oil	8000-46-2	290-140-0	-
Pinus Mugo	90082-72-7	290-163-6	-
Pinus Pumila	97676-05-6	307-681-6	-
Pogostemon Cablin Oil	84238-39-1	282-493-4	-
Rose Flower Oil/Extract	93334-48-6 84696-47-9 84604-12-6 90106-38-0 8007-01-0 84604-13-7 92347-25-6	297-122-1 283-652-0 283-289-8 290-260-3 290-260-3 296-213-3	-
Salicylaldehyde	90-02-8	201-961-0	- -
Santalum Album Oil	8006-87-9		-
Sclareol	515-03-7		-
Terpinolene	586-62-9	209-578-0	0.283
Tetramethyl acetyloctahydro-naphthalenes	68155-67-9 54464-59-4 68155-66-8 54464-57-2	268-979-9 259-175-9 268-978-3 259-174-3	-
Trimethylbenzenepropanol	103694-68-4	403-140-4	-
Trimethylcyclopentenyl Methylisopentenol	67801-20-1	267-140-4	- -
Turpentine	8006-64-2 9005-90-7	232-350-7 232-350-7	---
Vanillin	121-33-5	204-465-2	- -

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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 : 22/03/2023
Perfumed composition : PERFUME OIL CITRUS FRUIT - YZS-0125*

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	0,41
3	8,21
4	7,68
5A	1,96
5B	1,96
5C	1,96
5D	1,96
6	0,00
7A	15,71
7B	15,71
8	0,80
9	15,00
10A	53,57
10B	53,57
11A	4,63
11B	4,63
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	%
1-(2,6,6-TRIMÉTHYL-2-CYCLO-. HEXÈN-1-YL)-2-. BUTÈN-1-ONE	24720-09-0	246-430-4	R - S	0.280
ALLYL ESTERS	AE		R - S	0.350
CARVONE	99-49-0	202-759-5	R	0.025
CETONES DE ROSES/ROSE KETONES	SOMME/SUM	SOMME/SUM	R - S	0.560
CITRAL	5392-40-5	226-394-6	R	1.103
CITRONELLAL	106-23-0	203-376-6	R	0.052
DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (DELTA-DAMASCONE)	57378-68-4	260-709-8	R - S	0.280
DL-CITRONELLOL	106-22-9	203-375-0	R	0.860
FARNESOL	4602-84-0	225-004-1	R - S	0.004
GERANIOL	106-24-1	203-377-1	R	0.594
LIMONENE.	5989-27-5	227-813-5	R - S	41.579
LINALOOL	78-70-6	201-134-4	R - S	4.507
METHYL N-METHYLANTHRANILATE	85-91-6	201-642-6	R - S - N	0.071
PSEUDO-IONONE	141-10-6	205-457-1	R - S	0.002

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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