

IFRA STANDARDS CONFORMITY CERTIFICATE

Fragrance compound

Product: LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published June, 2023) provided it is used in the following class(es) at a maximum concentration level of:

IFRA Category(ies) [see Table 10 in Guidance for the use of IFRA Standards for details]	Level of use (%)*	Product application
Category 1	6.04 %	Products applied to the lips
Category 2	4.97 %	Products applied to the axillae
Category 3	1.46 %	Products applied to the face/body using fingertips
Category 4	17.05 %	Products related to fine fragrance
Category 5A	15.28 %	Body lotion products applied to the body using the hands (palms), primarily leave on
Category 5B	0.75 %	Face moisturizer products applied to the face using the hands (palms), primarily leave on
Category 5C	2.95 %	Hand cream products applied to the hands using the hands (palms), primarily leave on
Category 5D	0.25 %	Baby creams, baby oils and baby talc
Category 6	1.46 %	Products with oral and lip exposure
Category 7A	1.46 %	Rinse-off products applied to the hair with some hand contact
Category 7B	1.46 %	Leave-on products applied to the hair with some hand contact
Category 8	0.25 %	Products with significant anogenital exposure
Category 9	6.75 %	Products with body and hand exposure, primarily rinse off
Category 10A	6.75 %	Household care products with mostly hand contact
Category 10B	42.63 %	Household care products with mostly hand contact, including aerosol/spray products (with potential leave-on skin contact)
Category 11A	0.25 %	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure
Category 11B	0.25 %	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure

Disclaimer: This Certificate provides 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.

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Fragrance compound

Category 12	100 %	Products not intended for direct skin contact, minimal or insignificant transfer to skin
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**Actual use level or maximum use level*

To continually improve the accuracy of the above information, the vendor has in place a program of review for all relevant fragrance ingredients. The information contained herein is to the best of our knowledge and understanding of the product on the following date, based on current supplier information and is subject to change as new supplier information is provided. Some suppliers are still analyzing and collecting information for their raw materials pertaining to the 51st Amendment and may provide further updates. 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.

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact: YouWish (contact@youwish.nl)

The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).

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PRODUCT NAME: LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT

EU FRAGRANCE ALLERGENS ACCORDING TO COMMISSION REGULATION (EU) 2023/1545 OF 26 JULY 2023 AMENDING REGULATION (EC) NO 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Reference number	Substance name	CAS-No.	EC-No.	Allergen % in product (w/w)
45	Benzyl Alcohol	100-51-6	202-859-9	-
46	6-Methyl Coumarin	92-48-8	202-158-8	-
67	Amyl Cinnamal	122-40-7	204-541-5	-
69	Cinnamyl Alcohol	104-54-1	203-212-3	-
70	Citral	5392-40-5 141-27-5 106-26-3	226-394-6	0.015
71	Eugenol	97-53-0	202-589-1	-
72	Hydroxycitronellal	107-75-5	203-518-7	-
73	Isoeugenol	97-54-1 5932-68-3 5912-86-7	202-590-7 227-678-2 227-633-7	-
74	Amylcinnamyl Alcohol	101-85-9	202-982-8	-
75	Benzyl Salicylate	118-58-1	204-262-9	-
76	Cinnamal	104-55-2	203-213-9	-
77	Coumarin	91-64-5	202-086-7	-
78	Geraniol	106-24-1	203-377-1	0.007
79	Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	51414-25-6 31906-04-4	257-187-9 250-863-4	-
80	Anise Alcohol	105-13-5	203-273-6	-
81	Benzyl Cinnamate	103-41-3	203-109-3	-
82	Farnesol	4602-84-0 3790-71-4 106-28-5	225-004-1	-
83	Butylphenyl Methylpropional	80-54-6	201-289-8	-
84	Linalool	78-70-6	201-134-4	0.042

		126-91-0		
85	Benzyl Benzoate	120-51-4	204-402-9	28.150
86	Citronellol	106-22-9 26489-01-0 1117-61-9 7540-51-4	203-375-0 247-737-6 214-250-5 231-415-7	-
87	Hexyl Cinnamal	101-86-0	202-983-3	-
88	Limonene	5989-27-5 5989-54-8 138-86-3 7705-14-8	227-813-5 227-815-6 205-341-0 231-732-0	13.823
89	Methyl 2-Octynoate	111-12-6	203-836-6	-
90	Alpha-Isomethyl Ionone	127-51-5	204-846-3	-
91	Evernia Prunastri Extract	90028-68-5	289-861-3	-
92	Evernia Furfuracea Extract	90028-67-4	289-860-8	-
109	Pinus Mugo	90082-72-7	290-163-6	-
114	Pinus Pumila	97676-05-6	307-681-6	-
122	Cedrus Atlantica Oil/Extract	92201-55-3 8023-85-6	295-985-9 ---	-
124	Turpentine	9005-90-7 8006-64-2 8052-14-0	232-688-5 232-350-7 ---	-
131	Alpha-Terpinene	99-86-5	202-795-1	0.022
133	Terpinolene	586-62-9	209-578-0	0.007
154	Myroxylon Pereirae Oil/Extract	8007-00-9	232-352-8	-
157	Rose Ketones	43052-87-5 23726-94-5 24720-09-0 23696-85-7 57378-68-4 71048-82-3 23726-92-3 23726-91-2	--- 245-845-8 246-430-4 245-833-2 260-709-8 275-156-8 245-843-7 245-842-1	-
175	3-Propylidenephthalide	17369-59-4	241-402-8	-

196	Lippia Citriodora Absolute	8024-12-2 85116-63-8	--- 285-515-0	-
324	Methyl Salicylate	119-36-8	204-317-7	-
327	Acetyl Cedrene	32388-55-9	251-020-3	-
328	Amyl Salicylate	2050-08-0	218-080-2	-
329	Anethole	104-46-1 4180-23-8	203-205-5 224-052-0	-
330	Benzaldehyde	100-52-7	202-860-4	-
331	Camphor	76-22-2 21368-68-3 464-49-3 464-48-2	200-945-0 244-350-4 207-355-2 207-354-7	-
332	Beta-Caryophyllene	87-44-5	201-746-1	0.004
333	Carvone	99-49-0 6485-40-1 2244-16-8	202-759-5 229-352-5 218-827-2	0.004
334	Dimethyl Phenethyl Acetate	151-05-3	205-781-3	-
335	Hexadecanolactone	109-29-5	203-662-0	-
336	Hexamethylindanopyran	1222-05-5	214-946-9	-
337	Linalyl Acetate	115-95-7	204-116-4	-
338	Menthol	89-78-1 1490-04-6 2216-51-5 15356-60-2	201-939-0 216-074-4 218-690-9 239-387-8	-
339	Trimethylcyclopentenyl Methylisopentenol	67801-20-1	267-140-4	-
340	Salicylaldehyde	90-02-8	201-961-0	-
341	Santalol	11031-45-1 115-71-9 77-42-9	234-262-4 204-102-8 201-027-2	-
342	Sclareol	515-03-7	208-194-0	-
343	Terpineol	8000-41-7 98-55-5 138-87-4 586-81-2	232-268-1 202-680-6 205-342-6 209-584-3	0.010

344	Tetramethyl Acetyloctahydronaphthalenes	54464-57-2 54464-59-4 68155-66-8 68155-67-9	259-174-3 259-175-9 268-978-3 268-979-9	-
345	Trimethylbenzenepropanol	103694-68-4	403-140-4	-
346	Vanillin	121-33-5	204-465-2	-
347	Cananga Odorata Oil/Extract	83863-30-3 8006-81-3 68606-83-7 93686-30-7	281-092-1 --- --- 297-681-1	-
348	Cinnamomum Cassia Leaf Oil	8007-80-5 84961-46-6	--- 284-635-0	-
349	Cinnamomum Zeylanicum Bark Oil	8015-91-6 84649-98-9	--- 283-479-0	-
350	Citrus Aurantium Flower Oil	72968-50-4 8028-48-6 8016-38-4	277-143-2 232-433-8 ---	-
351	Citrus Aurantium Peel Oil	68916-04-1 72968-50-4 97766-30-8 68647-72-3 8028-48-6 8008-57-9	--- 277-143-2 307-891-8 232-433-8 232-433-8 ---	14.500
352	Citrus Aurantium Bergamia Oil	8007-75-8 89957-91-5 68648-33-9 8007-75-8 85049-52-1	616-915-9 289-612-9 --- 616-915-9 ---	-
353	Citrus Limon Peel Oil	68917-33-9 84929-31-7 8008-56-8	284-515-8 284-515-8 ---	-
354	Lemongrass Oil	8007-02-1 89998-16-3 91844-92-7	--- 289-754-1 295-161-9 295-161-9	-

			295-161-9	
355	Eucalyptus Globulus Oil	97926-40-4 8000-48-4	308-257-3 616-775-9 616-775-9	-
356	Eugenia Caryophyllus Oil	8000-34-8 8015-97-2 84961-50-2	616-772-2 --- 284-638-7 284-638-7 284-638-7 284-638-7	-
357	Jasmine Oil/Extract	84776-64-7 90045-94-6 8022-96-6 8024-43-9 90045-94-6	283-993-5 289-960-1 --- 289-960-1 ---	-
358	Juniperus Virginiana Oil	8000-27-9 85085-41-2	--- 285-370-3	-
359	Laurus Nobilis Oil	8002-41-3 8007-48-5 84603-73-6	--- --- 283-272-5	-
360	Lavandula Oil/Extract	91722-69-9 8022-15-9 93455-96-0 93455-97-1 92623-76-2 84776-65-8 8000-28-0 90063-37-9	294-470-6 --- --- --- 296-408-3 283-994-0 --- 289-995-2 283-994-0 --- 289-995-2	-
361	Mentha Piperita Oil	8006-90-4 84082-70-2	--- 282-015-4	-
362	Mentha Spicata Oil (Spearment Oil)	8008-79-5 84696-51-5	616-927-4 283-656-2	-

363	Narcissus Extract	90064-26-9 68917-12-4 90064-27-0 90064-25-8	290-087-3 --- 290-088-9 290-086-8	-
364	Pelargonium Graveolens Oil	90082-51-2 8000-46-2	290-140-0 ---	-
365	Pogostemon Cablin Oil	8014-09-3 84238-39-1	--- 282-493-4	-
366	Rosa Flower Oil/Extract	8007-01-0 90106-38-0 93334-48-6 84696-47-9 84604-12-6 84604-13-7 92347-25-6	--- 290-260-3 297-122-1 283-652-0 283-289-8 283-290-3 --- 296-213-6	-
367	Santalum Album Oil	8006-87-9 84787-70-2	--- 284-111-1	-
368	Eugenyl Acetate	93-28-7	202-235-6	-
369	Geranyl Acetate	105-87-3	203-341-5	-
370	Isoeugenyl Acetate	93-29-8	202-236-1	-
371	Pinene	80-56-8 7785-70-8 127-91-3 18172-67-3 7785-26-4	201-291-9 232-087-8 204-872-5 242-060-2 232-077-3	0.102

The commonly accepted detection limit is 10ppm, consequently a concentration represented by “-” corresponds to <10ppm.

This is an electronically generated document and is valid without a signature.

Date: **April 8, 2025**

To continually improve the accuracy of the above information, Youwish has in place a program of review for all relevant fragrance ingredients. The information contained herein is to the best of our knowledge, true and accurate at the time it is given. Some suppliers are still analyzing and collecting information for their raw materials pertaining to Commission Regulation (EU) 2023/1545 and may provide further updates. 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.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Product name	: LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT
CAS-No.	: N/A
Product group	: Trade product

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

YouWish
Transistorstraat 91-021,
322CL, Almere, The Netherlands

1.4. Emergency telephone number

Emergency number	: Domestic 1-800-633-8253
	International 1-801-629-0667

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 4	H312
Skin corrosion/irritation, Category 2	H315
Skin sensitisation, Category 1	H317
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Acute Hazard, Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

Harmful in contact with skin. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS08

GHS09

Signal word (CLP)

: Danger

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Contains	: ALLYL HEPTOATE PURE; ALLYL HEXANOATE; BENZYL BENZOATE; D-limonene
Hazard statements (CLP)	: H302+H312 - Harmful if swallowed or in contact with skin. 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 (CLP)	: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. 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. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water. P312 - Call a POISON CENTRE or doctor if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. 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. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	BENZYL BENZOATE (120-51-4), D-LIMONENE (5989-27-5), ALPHA-PINENE (80-56-8) ⁽¹⁾ , BETA-PINENE (127-91-3) ⁽¹⁾
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	BENZYL BENZOATE (120-51-4), D-LIMONENE (5989-27-5), ALPHA-PINENE (80-56-8) ⁽¹⁾ , BETA-PINENE (127-91-3) ⁽¹⁾

⁽¹⁾ Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
BENZYL BENZOATE	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9	25 – 50	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ALLYL HEXANOATE	CAS-No.: 123-68-2 EC-No.: 204-642-4	10 – 25	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
D-LIMONENE substance with national workplace exposure limit(s) (DE, ES)	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2	10 – 25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ALLYL HEPTOATE	CAS-No.: 142-19-8 EC-No.: 205-527-1	1 – 5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
GAMMA UNDECALACTONE	CAS-No.: 104-67-6 EC-No.: 203-225-4	1 – 5	Aquatic Chronic 3, H412
BETA-MYRCENE	CAS-No.: 123-35-3 EC-No.: 204-622-5	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
ALPHA-PINENE substance with national workplace exposure limit(s) (BE, ES)	CAS-No.: 80-56-8 EC-No.: 201-291-9	< 0.1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
BETA-PINENE substance with national workplace exposure limit(s) (BE, ES)	CAS-No.: 127-91-3 EC-No.: 204-872-5	< 0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
CITRAL substance with national workplace exposure limit(s) (BE, ES)	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3	< 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after inhalation	: No data available.
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Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: Risk of lung oedema.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Store locked up.
Packaging materials	: Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

D-LIMONENE (5989-27-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	(R)-p-Mentha-1,8-dien (D-Limonen)
AGW (OEL TWA)	28 mg/m ³
	5 ppm
Peak exposure limitation factor	4(II)
Remark	DFG,H,Sh,Y
Regulatory reference	TRGS900
Spain - Occupational Exposure Limits	
Local name	d-Limoneno
VLA-ED (OEL TWA)	168 mg/m ³ d-Limoneno
	30 ppm d-Limoneno
Remark	Entrada en vigor en 2018. Sen (Sensibilizante. Véase Apartado 6), Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT
ALPHA-PINENE (80-56-8)	
Belgium - Occupational Exposure Limits	
Local name	Essence de térébenthine et monoterpènes sélectionnés # Terpentijn en geselecteerde monoterpene
OEL TWA	20 ppm
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023

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ALPHA-PINENE (80-56-8)

Spain - Occupational Exposure Limits

Local name	α -pineno (monoterpeno)
VLA-ED (OEL TWA)	113 mg/m ³
	20 ppm
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT

BETA-PINENE (127-91-3)

Belgium - Occupational Exposure Limits

Local name	Essence de térébenthine et monoterpènes sélectionnés # Terpentijn en geselecteerde monoterenen
OEL TWA	20 ppm
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023

Spain - Occupational Exposure Limits

Local name	β -pineno (monoterpeno)
VLA-ED (OEL TWA)	113 mg/m ³
	20 ppm
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT

CITRAL (5392-40-5)

Belgium - Occupational Exposure Limits

Local name	Citral (vapeur et aérosol) # Citral (damp en aérosol)
OEL TWA	32 mg/m ³
	5 ppm
Remark	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023

Spain - Occupational Exposure Limits

Local name	Citral
VLA-ED (OEL TWA)	5 ppm

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CITRAL (5392-40-5)

Remark	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante), Sen (Sensibilizante), FIV (Fracción inhalable y vapor. La notación FIV señala a aquellos agentes químicos que se pueden presentar en el ambiente de trabajo, tanto en forma de materia particulada como vapor, por lo que las dos fases pueden coexistir, contribuyendo ambas a la exposición. Esta situación se puede dar, principalmente, en los siguientes casos: • Cuando el agente en cuestión tiene un valor "intermedio" de presión de vapor (en estos casos se tiene en cuenta la relación entre su concentración en el aire saturado de vapor y el valor del VLA-ED® y la nota se asigna, generalmente, cuando el cociente entre ambas cantidades se encuentra entre 0.1 y 10). • Por razón de la forma de uso del agente químico (por ejemplo, pulverización). • En los procesos que conlleven cambios importantes de temperatura que puedan afectar al estado físico del agente químico. • En los procesos en los que una fracción significativa del vapor puede disolverse o adsorberse en las partículas de otra sustancia, a semejanza de lo que ocurre con los agentes solubles en agua en ambientes con humedad elevada).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT
USA - ACGIH - Occupational Exposure Limits	
Local name	Citral
ACGIH OEL TWA	5 ppm (IFV - Inhalable fraction and vapor)
Remark (ACGIH)	TLV® Basis: Body weight eff; URT irr; eye dam. Notations: Skin; DSEN; A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Not available
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 62 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.9648 (0.948 – 0.982)
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Refractive index : 1.476 (1.462 – 1.493)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Harmful in contact with skin.
Acute toxicity (inhalation) : Not classified

LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT (N/A)

ATE CLP (oral)	717.335 mg/kg bodyweight
ATE CLP (dermal)	1362.719 mg/kg bodyweight

ALLYL HEPTOATE (142-19-8)

LD50 oral	218 mg/kg
LD50 dermal	810 mg/kg

ALLYL HEXANOATE (123-68-2)

LD50 oral	218 mg/kg
LD50 dermal	300 mg/kg

BENZYL BENZOATE (120-51-4)

LD50 oral rat	> 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 oral	1160 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bw/day (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)

D-LIMONENE (5989-27-5)

LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal, 7 day(s))

BETA-MYRCENE (123-35-3)

LD50 oral rat	> 11390 mg/kg bodyweight Animal: rat
LD50 oral	> 3380 mg/kg bodyweight Animal: mouse

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BETA-MYRCENE (123-35-3)	
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ALPHA-PINENE (80-56-8)	
LD50 oral rat	> 500 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 01 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Skin, 14 day(s))
BETA-PINENE (127-91-3)	
LD50 oral rat	4700 mg/kg (Rat, Oral)
CITRAL (5392-40-5)	
LD50 oral rat	≈ 6800 mg/kg bodyweight Animal: rat
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Remarks on results: other:
Skin corrosion/irritation	: Causes skin irritation.
BENZYL BENZOATE (120-51-4)	
pH	4.5 (1.5 %, 20 °C)
Serious eye damage/irritation	: Not classified
BENZYL BENZOATE (120-51-4)	
pH	4.5 (1.5 %, 20 °C)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
D-LIMONENE (5989-27-5)	
IARC group	3 - Not classifiable
BETA-MYRCENE (123-35-3)	
IARC group	2B - Possibly carcinogenic to humans
CITRAL (5392-40-5)	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
BETA-MYRCENE (123-35-3)	
LOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (subchronic, oral, animal/male, 90 days)	500 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	250 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: May be fatal if swallowed and enters airways.
BENZYL BENZOATE (120-51-4)	
Viscosity, kinematic	No data available in the literature

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D-LIMONENE (5989-27-5)

Viscosity, kinematic	No data available in the literature
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ALPHA-PINENE (80-56-8)

Viscosity, kinematic	No data available in the literature
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BETA-PINENE (127-91-3)

Viscosity, kinematic	2.5 mm ² /s (20 °C, Calculated)
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

BENZYL BENZOATE (120-51-4)

LC50 - Fish [1]	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

D-LIMONENE (5989-27-5)

LC50 - Fish [1]	720 µg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
LC50 - Fish [2]	702 µg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	0.307 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [2]	0.51 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

BETA-MYRCENE (123-35-3)

EC50 - Crustacea [1]	1.47 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.342 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.31 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

ALPHA-PINENE (80-56-8)

LC50 - Fish [1]	0.303 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	0.475 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Locomotor effect)

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BETA-PINENE (127-91-3)	
LC50 - Fish [1]	0.557 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio, Semi-static system, Fresh water, Weight of evidence, Other isomer)
ErC50 algae	0.826 mg/l (OECD 201: Alga, Growth Inhibition Test, 48 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Weight of evidence, Other isomer)
CITRAL (5392-40-5)	
LC50 - Fish [1]	6.78 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	6.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	103.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2. Persistence and degradability

LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT (N/A)	
Persistence and degradability	Rapidly degradable
GAMMA UNDECALACTONE (104-67-6)	
Persistence and degradability	Rapidly degradable
ALLYL HEPTOATE (142-19-8)	
Persistence and degradability	Rapidly degradable
ALLYL HEXANOATE (123-68-2)	
Persistence and degradability	Rapidly degradable
BENZYL BENZOATE (120-51-4)	
Persistence and degradability	Readily biodegradable in water.
D-LIMONENE (5989-27-5)	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O ₂ /g substance
BETA-MYRCENE (123-35-3)	
Persistence and degradability	Readily biodegradable in water.
ALPHA-PINENE (80-56-8)	
Persistence and degradability	Readily biodegradable in water.
BETA-PINENE (127-91-3)	
Persistence and degradability	Readily biodegradable in water.
CITRAL (5392-40-5)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

BENZYL BENZOATE (120-51-4)	
BCF - Fish [1]	193.4 l/kg (BCFBAF v3.01, Pisces, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	3.97 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

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D-LIMONENE (5989-27-5)	
BCF - Fish [1]	864.8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4.38 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Bioaccumulative potential	Potential for bioaccumulation ($4 \leq \text{Log Kow} \leq 5$).
BETA-MYRCENE (123-35-3)	
Partition coefficient n-octanol/water (Log Pow)	5.285 (Literature, 25 °C)
Bioaccumulative potential	High potential for bioaccumulation ($\text{Log Kow} > 5$).
ALPHA-PINENE (80-56-8)	
BCF - Other aquatic organisms [1]	1233.1 – 1248 l/kg (BCFBAF v3.01, Read-across, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4.487 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential	Potential for bioaccumulation ($500 \leq \text{BCF} \leq 5000$).
BETA-PINENE (127-91-3)	
BCF - Fish [1]	1125 l/kg (BCFBAF v3.01, Pisces, Fresh water, QSAR, Other isomer)
Partition coefficient n-octanol/water (Log Pow)	4.425 (Similar product, Read-across, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential	Potential for bioaccumulation ($4 \leq \text{Log Kow} \leq 5$).

12.4. Mobility in soil

BENZYL BENZOATE (120-51-4)	
Surface tension	27 mN/m (210 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Low potential for mobility in soil.
D-LIMONENE (5989-27-5)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.049 – 3.801 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil.
BETA-MYRCENE (123-35-3)	
Ecology - soil	No (test)data on mobility of the substance available.
ALPHA-PINENE (80-56-8)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.009 – 3.853 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil. May be harmful to plant growth, blooming and fruit formation.
BETA-PINENE (127-91-3)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.009 – 3.836 (log Koc, Calculated value, Other isomer)
Ecology - soil	Low potential for mobility in soil.

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12.5. Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	BENZYL BENZOATE (120-51-4), D-LIMONENE (5989-27-5), ALPHA-PINENE (80-56-8) ⁽¹⁾ , BETA-PINENE (127-91-3) ⁽¹⁾
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	BENZYL BENZOATE (120-51-4), D-LIMONENE (5989-27-5), ALPHA-PINENE (80-56-8) ⁽¹⁾ , BETA-PINENE (127-91-3) ⁽¹⁾

⁽¹⁾ Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR)	: UN 3082
UN-No. (IMDG)	: UN 3082
UN-No. (IATA)	: UN 3082
UN-No. (ADN)	: UN 3082
UN-No. (RID)	: UN 3082

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate)
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate)
Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate, Allyl Hexanoate)
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate)
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate)
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate, Allyl Hexanoate), 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate), 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate, Allyl Hexanoate), 9, III

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)

: 9

Danger labels (ADR)

: 9

:



IMDG

Transport hazard class(es) (IMDG)

: 9

Danger labels (IMDG)

: 9

:



IATA

Transport hazard class(es) (IATA)

: 9

Danger labels (IATA)

: 9

:



ADN

Transport hazard class(es) (ADN)

: 9

Danger labels (ADN)

: 9

:



RID

Transport hazard class(es) (RID)

: 9

Danger labels (RID)

: 9

:



14.4. Packing group

Packing group (ADR)

: III

Packing group (IMDG)

: III

Packing group (IATA)

: III

Packing group (ADN)

: III

Packing group (RID)

: III

14.5. Environmental hazards

Dangerous for the environment

: Yes

Marine pollutant

: Yes

Other information

: No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)

: M6

Special provisions (ADR)

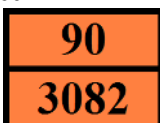
: 274, 335, 375, 601, 650

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Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR)	: -
EAC code	: •3Z

Transport by sea

Special provisions (IMDG)	: 274, 335, 375, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601, 650
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601, 650
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1

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Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(a)	D-LIMONENE ; BETA-MYRCENE ; ALPHA-PINENE ; BETA-PINENE
3(b)	LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT ; ALLYL HEPTOATE ; ALLYL HEXANOATE ; BENZYL BENZOATE ; D-LIMONENE ; BETA-MYRCENE ; ALPHA-PINENE ; BETA-PINENE ; CITRAL
3(c)	LIP SAFE FRAGRANCE OIL – TROPICAL FRUIT ; GAMMA UNDECALACTONE ; ALLYL HEPTOATE ; ALLYL HEXANOATE ; BENZYL BENZOATE ; D-LIMONENE ; BETA-MYRCENE ; ALPHA-PINENE ; BETA-PINENE
40.	D-LIMONENE ; BETA-MYRCENE ; ALPHA-PINENE ; BETA-PINENE

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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15.1.2. National regulations

Germany

- Water hazard class (WGK) : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV).
- Major Accidents Ordinance (12. BImSchV) : Is not subject to the Major Accidents Ordinance (12. BImSchV)

Netherlands

- SZW-lijst van kankerverwekkende stoffen : None of the components are listed
- SZW-lijst van mutagene stoffen : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

- Class for fire hazard : Class III-1
- Store unit : 50 liter
- Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed
- Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level

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Abbreviations and acronyms:

NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

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Full text of H- and EUH-statements:

H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.