REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Issue date(DD/MM/YEAR): 12/06/2023 Revision date: 20/12/2024 Supersedes version of: 21/08/2023 Version: 1.1

DECLARATION OF COMPLIANCE FOR PERFUME COMPOUNDS (DCP)

The adoption of the 7th amendement of the European Cosmetic Directive 76/768/EEC requires any cosmetic product containing any of 26 raw materials identified by the Scientific Committee on Cosmetic Products and Non-Food Products intended for Consumers as likely to cause a contact allergy when present above certain trigger levels to be declared on the package label.

ALLERGENS				
Name of common ingredients glossary	CAS-No.	Allergen % in product		
Linalool	78-70-6	5.1		
Coumarin	91-64-5	0.015		
Hydroxycitronellal	107-75-5	0.0774		
Geraniol	106-24-1	0.09		

CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoint(s) described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PART

CERTIFICATE DELIVERED TO:

SCOPE OF THE CERTIFICATE: Product: LAVENDER #EU24194F

Compulsory information:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51 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	0 %	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	17.66666667 %	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, etc.) Body sprays (including body mist)
Category 3	22.76867031 %	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care 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
Category 4	100 %	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms) Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits Scent pads, foil packs Scent strips for hydroalcoholic products
Category 5A	83.33333333 %	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)
Category 5B	55.5555556 %	Facial toner Facial moisturizers and creams (including care products for beard and mustache)
Category 5C	35.51912568 %	Hand cream Nail care products including cuticle creams, nail lacquer remover, etc. Hand sanitizers
Category 5D	11.83970856 %	Baby cream/lotion, baby oil, baby powders and talc
Category 6	0 %	Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets
Category 7A	47.35883424 %	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	47.35883424 %	Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids non sprays (mousse, gels, leave- on conditioners) Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer, hair perfume*
Category 8	11.83970856 %	Intimate wipes Intimate deodorant spray Tampons Baby wipes Toilet paper (wet)
Category 9	100 %	Bar soap Shampoo of all type Cleanser for face (rinse-off) Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types Baby wash, bath, shampoo Bath gels, foams, mousses, salts, oils and other products

		added to bathwater (such as bath bombs) Foot care products (feet are placed in a bath for soaking) Shaving creams of all types (stick, gels, foams, etc.) All depilatories (including facial) and waxes for mechanical hair removal Shampoos for pets
Category 10A	100 %	Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (including concentrates) 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 Toilet seat wipes Fabric softeners of all types excluding 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 or fabrics) 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) Dry cleaning kits (involving manual application on the textile)
Category 10B	100 %	Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides
Category 11A	11.83970856 %	Feminine hygiene conventional pads,liners, interlabial pads Baby diapers Incontinence pant, pad Toilet paper (dry)
Category 11B	11.83970856 %	Tights with moisturizers Scented socks, gloves Facial tissues (dry tissues) Napkins Pillow spray Paper towels Wheat bags Facial masks (paper/protective) e.g.surgical masks not used as medical device Fertilizers, solid (pellet or powder)
Category 12	100 %	Candles of all types (including encased) Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, 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, solid non aerosol car diffuser)

Air delivery systems

Cat litter

Cell phone cases

Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders)

Dry cleaning kits (placed in the dryer)

Dryer sheets and fabric softener sheets

Fuels

Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/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)

Toilet gel

Scent beads

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture (LAVENDER #EU24194F) is as follows:

Materials under the scope of IFRA Standards	CAS-No.	Recommendat ion from IFRA Standard:	Concentration (%) in fragrance mixture or finished product	Comment
Propenylguaethol	94-86-0 63477-41-8	Restricted	0.3	
cis,trans-4-(Isopropyl)cyclohexanemethanol	5502-75-0 13828-37-0 13674-19-6	Restricted	0.0337	
Geraniol	106-24-1	Restricted	0.09	
Hydroxycitronellal	107-75-5	Restricted	0.0774	
1-Octen-3-yl acetate	2442-10-6	Restricted	0.03	
Coumarin	91-64-5	Restricted	0.015	
2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol)	103694-68-4	Restricted	0.1098	
Cyclamen aldehyde	103-95-7	Restricted	0.0092	
Limonene	138-86-3	Specification	0.31	

^{*}Actual use level or maximum use level

	7705-14-8 5989-27-5 5989-54-8		
Linalool	126-90-9 126-91-0 78-70-6	Specification	5.1

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

1.1. Product identifier

Product form : Mixture

 Trade name
 : LAVENDER #EU24194F

 UFI
 : H505-N22U-Y00Q-V9JT

Product code : EU24194F

Type of product : Perfumes, fragrances
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use Industrial/Professional use spec : For professional use only

Industrial

Use of the substance/mixture : Perfumes, fragrances Function or use category : Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2

Skin sensitisation, Category 1

Aspiration hazard, Category 1

Hazardous to the aquatic environment – Chronic Hazard,

H411

Category 2

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

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07





GHS08

GHS09

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Signal word (CLP) : Danger

Contains : Lavandin abrialis oil; Eucalyptus oil; Linalyl acetate; Patchouli oil; 3-(2,2-dimethyl-3-

hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3-methylphenyl)propanol

Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H411 - 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.

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.

Extra phrases : For professional users only.

2.3. Other hazards

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

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]
Lavandin abrialis oil	CAS-No.: 8022-15-9 EC-No.: 617-009-6	7.5 – 15	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227-	1.3 – 2.5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Eucalyptus oil	CAS-No.: 8000-48-4 EC-No.: 283-406-2 REACH-no: 01-2119978250- 37	1 – 2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-	1-2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Ethylene brassylate	CAS-No.: 105-95-3 EC-No.: 203-347-8 REACH-no: 01-2119976314- 33	0.5 – 1	Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
3-(2,2-dimethyl-3-hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3-methylphenyl)propanol	CAS-No.: 103694-68-4 EC-No.: 403-140-4 EC Index-No.: 603-138-00-5	0.005 – 1	Skin Sens. 1, H317 Aquatic Chronic 3, H412
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272- 42	0.4 – 0.75	Aquatic Chronic 3, H412
Patchouli oil	CAS-No.: 8014-09-3 EC-No.: 616-944-7 EC Index-No.: 616-944-7	0.4 – 0.75	Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Carbitol substance with national workplace exposure limit(s) (AT, DE, EE, SE, SI, CH)	CAS-No.: 111-90-0 EC-No.: 203-919-7 REACH-no: 01-2119475105- 42	0.36165 – 0.7233	Not classified
Allyl amyl glycolate	CAS-No.: 67634-00-8 EC-No.: 266-803-5	0.2 – 0.3	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Aquatic Chronic 1, H410
Camphor substance with national workplace exposure limit(s) (AT, BE, BG, DK, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, RO, SK, NO, CH)	CAS-No.: 76-22-2 EC-No.: 200-945-0	0.1 – 0.2	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Chronic 2, H411

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 : If you feel unwell, seek medical advice (show the label where possible). Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow the victim to rest.

First-aid measures after skin contact : If skin irritation occurs: Get medical advice/attention. 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 : Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye

several minutes. Remove contact lenses, if present and easy to do. Cont irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Obtain emergency medical attention. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : May cause an allergic skin reaction.
Symptoms/effects after skin contact : May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye irritation. Eye irritation.

Symptoms/effects after ingestion : Risk of lung oedema.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Sand. 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 : Combustible liquid.

Explosion hazard : May form flammable/explosive vapour-air mixture.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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 : Remove ignition sources. Use special care to avoid static electric charges. No open flames.

No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

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. Equip cleanup crew

with proper protection. For further information refer to section 8: "Exposure

controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable. Keep away

from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautions for safe handling : Ensure good ventilation of the work station. No open flames. No smoking. Avoid contact

with skin and eyes. 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.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep in fireproof place. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Storage temperature : 25 °C

Storage area : Store away from heat. Store in a well-ventilated place.

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

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

Benzyl acetate (140-11-4)			
Belgium - Occupational Exposure Limits			
OEL TWA	62 mg/m³		
	10 ppm		
Denmark - Occupational Exposure Limits			
OEL TWA	61 mg/m³		
	10 ppm		
OEL STEL	122 mg/m³		
	20 ppm		
Ireland - Occupational Exposure Limits			
OEL TWA	10 ppm		
OEL STEL	30 ppm (calculated)		
Latvia - Occupational Exposure Limits			
OEL TWA	5 mg/m³		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	5 mg/m³		
Portugal - Occupational Exposure Limits			
OEL TWA	10 ppm		
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen		
Romania - Occupational Exposure Limits			
OEL TWA	50 mg/m³		
	8 ppm		
OEL STEL	80 mg/m³		
	13 ppm		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA)	62 mg/m³		
	10 ppm		

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Benzyl acetate (140-11-4)			
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA	10 ppm		
ACGIH chemical category	Not Classifiable as a Human Carcinogen		
Camphor (76-22-2)			
Austria - Occupational Exposure Limits			
MAK (OEL TWA)	13 mg/m³		
	2 ppm		
Belgium - Occupational Exposure Limits			
OEL TWA	12 mg/m³		
	2 ppm		
OEL STEL	19 mg/m³		
	3 ppm		
Bulgaria - Occupational Exposure Limits			
OEL TWA	12 mg/m³		
OEL STEL	18 mg/m³		
Croatia - Occupational Exposure Limits			
GVI (OEL TWA)	13 mg/m³		
	2 ppm		
KGVI (OEL STEL)	19 mg/m³		
	3 ppm		
Denmark - Occupational Exposure Limits			
OEL TWA	12 mg/m³		
	2 ppm		
OEL STEL	24 mg/m³		
	4 ppm		
Finland - Occupational Exposure Limits			
HTP (OEL TWA)	1.9 mg/m³		
	0.3 ppm		
HTP (OEL STEL)	5.7 mg/m³		
	0.9 ppm		
France - Occupational Exposure Limits			
VME (OEL TWA)	12 mg/m³		
	2 ppm		
Greece - Occupational Exposure Limits			
OEL TWA	12 mg/m³ (inhalable fraction)		
OEL STEL	18 mg/m³		
Ireland - Occupational Exposure Limits			
OEL TWA	12 mg/m³		
	2 ppm		

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Camphor (76-22-2)		
OEL STEL	18 mg/m³	
	3 ppm	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	3 mg/m³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	12 mg/m³	
NDSCh (OEL STEL)	18 mg/m³	
Portugal - Occupational Exposure Limits		
OEL TWA	2 ppm	
OEL STEL	3 ppm	
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
Romania - Occupational Exposure Limits		
OEL TWA	1 mg/m³	
	6 ppm	
OEL STEL	3 mg/m³	
	18 ppm	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA)	13 mg/m³	
	2 ppm	
NPHV (OEL C)	26 mg/m³	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA)	13 mg/m³	
	2 ppm	
VLA-EC (OEL STEL)	19 mg/m³	
	3 ppm	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA)	13 mg/m³	
	2 ppm	
WEL STEL (OEL STEL)	19 mg/m³	
	3 ppm	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA)	12 mg/m³	
	2 ppm	
Korttidsverdi (OEL STEL)	18 mg/m³ (value calculated)	
	4 ppm (value calculated)	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA)	13 mg/m³ (aerosol, vapour)	
	2 ppm (aerosol, vapour)	

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Camphor (76-22-2)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	2 ppm (synthetic)	
ACGIH OEL STEL	3 ppm (synthetic)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen synthetic	
Carbitol (111-90-0)		
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	35 mg/m³	
	6 ppm	
MAK (OEL STEL)	140 mg/m³	
	24 ppm	
Estonia - Occupational Exposure Limits		
OEL TWA	50.1 mg/m³	
	10 ppm	
OEL chemical category	Skin notation	
Germany - Occupational Exposure Limits (TRGS 90	0)	
AGW (OEL TWA)	35 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
	6 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
Slovenia - Occupational Exposure Limits		
OEL TWA	35 mg/m³	
	6 ppm	
OEL STEL	70 mg/m³	
	12 ppm	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	80 mg/m³	
	15 ppm	
KGV (OEL STEL)	170 mg/m³	
	30 ppm	
OEL chemical category	Skin notation	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA)	50 mg/m³ (aerosol, inhalable dust, vapour)	
KZGW (OEL STEL)	100 mg/m³ (aerosol, inhalable dust, vapour)	

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

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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:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):





8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Conforms to standard.

Odour: characteristic.Odour threshold: Not availableMelting point: Not applicableFreezing point: Not availableBoiling point: Not available

Flammability : Not applicable, Combustible liquid

Lower explosion limit : Not available
Upper explosion limit : Not available
Flash point : 92 °C
Auto-ignition temperature : Not available
Decomposition temperature : Not available
pH : Not available

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Viscosity, kinematic : 20.5 mm²/s
Solubility : Not available
Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : 0.004204693 mm Hg (calculated value)

Vapour pressure at 50° C: Not availableDensity: Not availableRelative density: ≈ 0.93 Relative vapour density at 20° C: Not availableParticle 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

VOC content : 18.6733 % (calculated value)(CARB VOC) (%w/w)

Additional information : Hydrocarbon content (%):

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Sparks.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Lavandin abrialis oil (8022-15-9)		
LD50 oral rat > 5 g/kg (Source: NLM_CIP)		
Eucalyptus oil (8000-48-4)		
D50 oral rat 2480 mg/kg (Source: NLM_CIP)		
Linalyl acetate (115-95-7)		
LD50 oral rat 14550 mg/kg (Source: EPA_HPV)		
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)	

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Linalyl acetate (115-95-7)		
LC50 Inhalation - Rat > 18.94 mg/l (Exposure time: 8 h Source: ECHA)		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)		
LD50 oral rat	> 3250 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 3250 mg/kg (Source: CHEMVIEW)	
LC50 Inhalation - Rat	> 5.04 mg/l/4h	
Ethylene brassylate (105-95-3)		
LD50 oral rat	> 5000 mg/kg (Source: ECHA)	
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)	
Benzyl acetate (140-11-4)		
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)	
LD50 oral	2490 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)	
Allyl amyl glycolate (67634-00-8)		
LD50 oral	500 mg/kg bodyweight	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
LC50 Inhalation - Rat	0.43 mg/l/4h	
LC50 Inhalation - Rat (Dust/Mist)	0.5 mg/l/4h	
Camphor (76-22-2)		
D50 oral 1500 mg/kg		
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
Patchouli oil (8014-09-3)		
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
3-(2,2-dimethyl-3-hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3-methylphenyl)propanol (103694-68-4)	
LD50 oral	3440 mg/kg bodyweight	
LD50 dermal rabbit	> 5 ml/kg (Source: ECHA_API)	
Carbitol (111-90-0)		
LD50 oral rat	10502 mg/kg (Source: OECD_SIDS)	
LD50 dermal rabbit	9143 mg/kg (Source: OECD_SIDS)	
LC50 Inhalation - Rat	> 5240 mg/m³ (Exposure time: 4 h Source: NLM_CIP)	
Skin corrosion/irritation :	Not classified	
Serious eye damage/irritation : Respiratory or skin sensitisation :	Causes serious eye irritation. May cause an allergic skin reaction.	
Germ cell mutagenicity	Not classified	
	Not classified	
Benzyl acetate (140-11-4)		
IARC group	3 - Not classifiable	
	Not classified	
STOT-single exposure :	Not classified	

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Camphor (76-22-2)		
STOT-single exposure		May cause damage to organs.
STOT-repeated exposure Aspiration hazard	-	Not classified May be fatal if swallowed and enters airways.
LAVENDER #EU24194F		•
Viscosity, kinematic		20.5 mm²/s

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Toxic to aquatic life with long lasting effects.

(chronic)

Linalyl acetate (115-95-7)		
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylind	deno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)	
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682	
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas	
EC50 - Crustacea [2]	260 µg/l REACH Dossier	
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier	
Carbitol (111-90-0)		
LC50 - Fish [1]	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)	
LC50 - Fish [2]	19100 – 23900 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through] Source: EPA)	
EC50 - Crustacea [1]	3940 – 4670 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

12.2. Persistence and degradability

LAVENDER #EU24194F		
Persistence and degradability	Not established.	
Lavandin abrialis oil (8022-15-9)		
Persistence and degradability Rapidly degradable		
Eucalyptus oil (8000-48-4)		
Persistence and degradability Not established.		
Linalyl acetate (115-95-7)		
Persistence and degradability	Rapidly degradable	

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4.2.4.6.7.9 hovehydre 4.6.6.7.9.9 hovemethylindenel 6.6 albyran, galayalida, (HUCD) (4.222.05.5)		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)		
Persistence and degradability	Rapidly degradable	
Ethylene brassylate (105-95-3)		
Persistence and degradability	Rapidly degradable	
Benzyl acetate (140-11-4)		
Persistence and degradability	Rapidly degradable	
Allyl amyl glycolate (67634-00-8)		
Persistence and degradability	Rapidly degradable	
Camphor (76-22-2)		
Persistence and degradability	Rapidly degradable	
Patchouli oil (8014-09-3)		
Persistence and degradability	Rapidly degradable	
3-(2,2-dimethyl-3-hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3-methylphenyl)propanol (103694-68-4)		
Persistence and degradability	Rapidly degradable	
Carbitol (111-90-0)		
Persistence and degradability	Rapidly degradable	

12.3. Bioaccumulative potential

LAVENDER #EU24194F		
Bioaccumulative potential	Not established.	
Eucalyptus oil (8000-48-4)		
Bioaccumulative potential	Not established.	
Linalyl acetate (115-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylind	deno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)	
BCF - Fish [1]	(1618 dimensionless (whole body w.w.)	
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)	
Ethylene brassylate (105-95-3)		
Partition coefficient n-octanol/water (Log Pow)	4.3 (at 25 °C (at pH 6.4-7)	
Benzyl acetate (140-11-4)		
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)	
Allyl amyl glycolate (67634-00-8)		
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 2.3)	
Camphor (76-22-2)		
Partition coefficient n-octanol/water (Log Pow)	2.414 (at 25 °C)	
3-(2,2-dimethyl-3-hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3-methylphenyl)propanol (103694-68-4)		
Partition coefficient n-octanol/water (Log Pow)	3.07 (at 20 °C)	

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Carbitol (111-90-0)	
Partition coefficient n-octanol/water (Log Pow)	-0.8

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

Product/Packaging disposal recommendations

Additional information Ecological information HP Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations.
- : Handle empty containers with care because residual vapours are flammable.
- : Avoid release to the environment.
- : HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
 - HP4 "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
 - HP13 "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.
 - HP14 "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
UN 3082					
14.2. UN proper shipping	14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran)					

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ADR	IMDG	IATA	ADN	RID	
Transport document descr	Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Hexamethylindanopyran), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III	
14.3. Transport hazard o	class(es)				
9	9	9	9	9	
**************************************	**************************************	**************************************	**************************************	**************************************	
14.4. Packing group					
III	III	III	III	III	
14.5. Environmental hazards					
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	
No supplementary information available					

14.6. Special precautions for user

Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

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 : TP1, TP29

(ADR)

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 : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

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

Transport by sea

Special provisions (IMDG) : 274, 335, 969 Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : LP01, P001

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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

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

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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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 (EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description	
3(a)	Eucalyptus oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2. 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories and 2, 2.15 types A to F	
3(b)	LAVENDER #EU24194F; Lavandin abrialis oil; Eucalyptus oil; Linalyl acetate; Allyl amyl glycolate; Patchouli oil; 3-(2,2-dimethyl-3- hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3- methylphenyl)propanol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	
3(c)	LAVENDER #EU24194F; Lavandin abrialis oil; Eucalyptus oil; 1,3,4,6,7,8-hexahydro- 4,6,6,7,8,8- hexamethylindeno[5,6- c]pyran; galaxolide; (HHCB); Ethylene brassylate; Benzyl acetate; Allyl amyl glycolate; Patchouli oil; 3-(2,2-dimethyl-3- hydroxypropyl)toluene; (alt.): 2,2-dimethyl-3-(3- methylphenyl)propanol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	
40.	Eucalyptus oil ; Camphor	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	

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

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VOC Directive (2004/42)

VOC content : 18.6733 % (calculated value)(CARB VOC) (%w/w)

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)

15.1.2. National regulations

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic

environment

SZW-lijst van kankerverwekkende stoffen : Eucalyptus oil,Allyl amyl glycolate are listed

SZW-lijst van mutagene stoffen : Eucalyptus oil,Allyl amyl glycolate are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – : None of the components are listed

Vruchtbaarheid

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

Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
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 Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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Full text of H- and EUH-statements:		
Flam. Liq. 3	Flammable liquids, Category 3	
Flam. Sol. 2	Flammable solids, Category 2	
H226	Flammable liquid and vapour.	
H228	Flammable solid.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H330	Fatal if inhaled.	
H332	Harmful if inhaled.	
H371	May cause damage to organs.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2	

The classification complies with

: ATP 12

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.