



CHEMICAL SAFETY DATA SHEET

according to 2020/878/EC (1907/2006/EC Article 31)

2725702

Reviewed on: 04.09.2024 Printing date: 04.09.2024

SECTION 01: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name:

LAVANDIN SUPER FR ORGANIC OIL

Article number:

B547

• CAS Number:

8022-15-9

• EC Number:

294-470-6

No CAS EINECS:

91722-69-9

• Registration number

01-2120736147-55-0002

1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation Only for industrial use

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GOLGEMMA TEL: +33(0)4.68.74.17.89 Route de FA email: fds@golgemma.com

11260 ESPERAZA

FRANCE

1.4 Emergency telephone number: FR-ORFILA (INRS):+33(0)1 45 42 59 59

SECTION 02: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS07

Eye Irrit. 2 - H319 Causes serious eye irritation. Skin Sens. 1 - H317 May cause an allergic skin reaction. Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms



GHS07

Signal word

Warning

Hazard statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

 $\mbox{H412}$ Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT:

(continued on page 2)





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- Not applicable. vPvB:
- - Not applicable.
- Determination of endocrine-disrupting properties None of the ingredients is listed.

 3.1 Substances CAS No. 8022-15-9 Identification r EC number: 294-470-6 Dangerous cor 		
8022-15-9Identification (EC number: 294-470-6	Lavandula × intermedia Emeric ex Loisel. clone Super (Syn : Lavandula hybrida Reverchon / Lavandula x burnatii Briquet) number(s)	
Identification rEC number: 294-470-6	Super (Syn : Lavandula hybrida Reverchon / Lavandula x burnatii Briquet) number(s)	
• EC number: 294-470-6	Lavandula x burnatii Briquet) number(s)	
• EC number: 294-470-6	number(s)	
Dangerous cor		
	mponents:	
CAS Number	,	%
115-95-7	LINALYL ACETATE	20,001-50,00
	EC number: 204-116-4	20,001 00,00
	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
	·	
70.70.0	H319, Skin Sens. 1 - H317	00 004 50 00
78-70-6	LINALOOL	20,001-50,00
	EC number: 201-134-4	
	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
	H319, Skin Sens. 1B - H317	
76-22-2	CAMPHOR	5,001-10,00
	EC number: 200-945-0	
	Flam. Sol. 2 - H228;	
	4 - H302, Acute Tox. 4 - H332; 🚸 STOT SE	
	2 - H371	
507-70-0	I-Borneol	1,001- 5,000
007-70-0	EC number: 208-080-0	1,001 0,000
	Flam. Sol. 2 - H228; Skin Irrit.	
470.00.0	2 - H315	4.004 - 000
470-82-6	Eucalyptol	1,001- 5,000
	EC number: 207-431-5	
	🍑 Flam. Liq. 3 - H226; 💠 Skin Sens.	
	1B - H317	
87-44-5	BETA-CARYOPHYLLENE	1,001- 5,000
	EC number: 201-746-1	
	Asp. Tox. 1 - H304; Skin Sens.	
	1B - H317	
3338-55-4	cis-beta-Ocimene	1,001- 5,000
	EC number: 222-081-3	
	♦ Asp. Tox. 1 - H304; ♦ Flam. Liq. 3	
	- H226	
13877-91-3	3,7-Dimethyl-1,3,6-octatriene	1,001- 5,000
13011-31-3	EC number: 237-641-2	1,001- 5,000
	♦ Asp. Tox. 1 - H304; ♦ Flam. Liq. 3	
	- H226; 🕚 Skin Irrit. 2 - H315; ६	
	Aquatic Acute 1 - H400 (M=1), Aquatic	(continued on page 3



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PRODUCT:	LAVANDIN SUPER FR ORGANIC OIL	
		(continued of page 2)
99-87-6	Chronic 2 - H411 p-cymene EC number: 202-796-7 Acute Tox. 3 - H331; ♣ Asp. Tox. 1	0,101-1,000
	- H304; Flam. Liq. 3 - H226; Aquatic Chronic 2 - H411	
5989-27-5	d-limonene EC number: 227-813-5 ♣ Asp. Tox. 1 - H304; ♠ Flam. Liq. 3 - H226; ♦ Skin Irrit. 2 - H315, Skin	0,101-1,000
	Sens. 1B - H317; Aquatic Acute 1 - H400 (M=1); Aquatic Chronic 3 - H412	
562-74-3	p-Menth-1-en-4-ol EC number: 209-235-5 Acute Tox. 4 - H302, Acute Tox. 4 -	0,101-1,000
105-87-3	H332, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317, STOT SE 3 - H336 GERANYL ACETATE EC number: 203-341-5 ↑ Skin Irrit. 2 - H315, Skin Sens. 1B -	0,101-1,000
2442-10-6	H317; Aquatic Chronic 3 - H412 1-Octen-3-yl acetate EC number: 219-474-7 \text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin\text{\texit{\text{\text{\text{\texi{\texi\texi{\texi\texi{\text{\texi}\texit{\texi{\text{\texict{\texi{\texi{\texi\texi{\text{\text{\te	0,101-1,000
3391-86-4	H317 1-Octen-3-ol EC number: 222-226-0 Acute Tox. 4 - H302, Acute Tox. 4 -	0,101-1,000
79-92-5	H332, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; Aquatic Acute 1 - H400 (M=1) camphene	0,101-1,000
73-32-3	EC number: 201-234-8 Flam. Sol. 1 - H228; Eye Irrit. 2 - H319; Aquatic Acute 1 - H400 (M=1)	0, 101-1,000
106-24-1	, Aquatic Chronic 1 - H410 (M=1) GERANIOL EC number: 203-377-1 Eye Dam. 1 - H318; Skin Irrit. 2	0,101-1,000
80-56-8	- H315, Skin Sens. 1 - H317 ALPHA-PINENE EC number: 201-291-9 ॐ Asp. Tox. 1 - H304; ॐ Flam. Liq. 3	0,101-1,000
127-91-3	- H226;	0,101-1,000
	EC number: 204-872-5 ♦ Asp. Tox. 1 - H304; ♦ Flam. Liq. 3 - H226; ♦ Skin Irrit. 2 - H315, Skin	
	Sens. 1B - H317	(continued on page 4)





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	PRODUCT:	LAVANDIN SUPER FR ORGANIC OIL	
			(continued of page 3)
*	586-62-9	TERPINOLENE	0,101-1,000
*		EC number: 209-578-0	
*		🚸 Asp. Tox. 1 - H304; 🕚 Skin Sens.	
*		1B - H317; 🅸 Aquatic Acute 1 - H400	
*		(M=1), Aquatic Chronic 1 - H410 (M=1)	
*	91-64-5	COUMARIN	0,101-1,000
*		EC number: 202-086-7	
*		Acute Tox. 4 - H302, Skin Sens. 1B -	
*		H317; Aquatic Chronic 3 - H412	

SECTION 04: First aid measures

- 4.1 Description of first aid measures
- General information:
 - Seek immediate medical advice.
- After inhalation:
 - Supply fresh air and to be sure call for a doctor.
- · After skin contact:
 - If skin irritation continues, consult a doctor.
 - Immediately wash with water and soap and rinse thoroughly.
 - Immediately rinse with water.
- After eye contact:
 - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
- Seek immediate medical advice.
- Information for doctor:
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 05: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:
 - CO2, sand, extinguishing powder. Do not use water.
- Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters
- Protective equipment:
 - Do not inhale explosion gases or combustion gases.
- Additional information
 - Cool endangered receptacles with water spray.

SECTION 06: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 07: Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Handle with care. Avoid jolting, friction and impact.

• Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities Storage:

• Requirements to be met by storerooms and receptacles:

Store only in the original receptacle. Prevent any seepage into the ground.

Use only receptacles specifically permitted for this substance/ product.

- Information about storage in one common storage facility:
 - Not required.
- Further information about storage conditions:

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

7.3 Specific end use(s)

No further relevant information available.

SECTION 08: Exposure controls/personal protection

8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace: Not required.
- Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:

 The usual procautionany measures are to be added

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Do not inhale dust / smoke / mist.

Avoid contact with the eyes.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

(continued on page 6)





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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- Penetration time of glove material
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye/face protection
 - Safety glasses
- Body protection:
- Impervious protective clothing
- Boots

SECTION 09:	Physical an	d chemical	properties

SECTION 09: Physical and chemical	
9.1 Information on basic physical and chemi	ical properties
General Information	
Physical state	Fluid
Colour:	light yellow
Odour:	characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	-20,0 °C
Boiling point or initial boiling point and boiling range	141,5 °C
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	80,0 °C NFT 60-103 CC
Decomposition temperature:	Not determined.
рН	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	at 25,00 °C 0,20 g/l
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density	0,8830 0,896 D20/20
Vapour density	Not determined.
9.2 Other information	No further relevant information available.
Appearance:	
Form:	fluid
Important information on protection of healt	h and environment, and on safety.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Solvent content:	
Solids content:	0,00 %
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard of	classes
Explosives	not applicable
Flammable gases	not applicable





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Aerosols	not applicable	
Oxidising gases	not applicable	
Gases under pressure	not applicable	
Flammable liquids	not applicable	
Flammable solids	not applicable	
Self-reactive substances and mixtures	not applicable	
Pyrophoric liquids	not applicable	
Pyrophoric solids	not applicable	
Self-heating substances and mixtures	not applicable	
Substances and mixtures, which emit flammable gases in contact with water	not applicable	
Oxidising liquids	not applicable	
Oxidising solids	not applicable	
Organic peroxides	not applicable	
Corrosive to metals	not applicable	
Desensitised explosives	not applicable	

SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

Not determined.

SECTION 11: Toxicological information

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

- Acute toxicity
- LD/LC50 values relevant for classification:

ISO LD/LC

8022-15-9 Lavandula × intermedia Emeric ex Loisel. clone

Super (Syn: Lavandula hybrida Reverchon /

Lavandula x burnatii Briquet)

Oral, LD50: >=5000 mg/kg (rat) (1973) Dermal, LD50: >=5000 mg/kg (rat) (1973)

78-70-6 LINALOOL

Oral, LD50: 2790 mg/kg (rat) Dermal, LD50: 5610 mg/kg (Rabbit)

76-22-2 CAMPHOR

Oral, LD50: >5000 mg/kg (rat) (Opdyke 1978) Dermal, LD50: >1000 mg/kg (mouse) (NTP 1998)

470-82-6 Eucalyptol

Oral, LD50: 3849 mg/kg (mouse) (Jiao Xu, 2014)

87-44-5 BETA-CARYOPHYLLENE

Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971)

5989-27-5 (R)-p-mentha-1,8-diene

Oral, LD50: 4400 mg/kg (rat)

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GERANYL ACETATE

Oral, LD50: >4000 mg/kg (rat) (NTP 1987)

1-Octen-3-ol

Oral, LD50: 340 mg/kg (rat) Dermal, LD50: 3300 mg/kg (Rabbit)

79-92-5 camphene

Oral, LD50: 5000 mg/kg (rat)

Dermal, LD50: 2500 mg/kg (Rabbit)

COUMARIN

Oral, LD50: 293 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation

No irritant effect.

Serious eye damage/irritation

Irritating effect.

Causes serious eye irritation.

· Respiratory or skin sensitisation

1-Octen-3-yl acetate 2442-10-6

Dermal, OECD 429 LLNA: SENSITIZER (mouse) (EC3 > 7500, IFRA STANDARD

Sensitisation, NESIL: 3500 ug/cm2 (mouse) (IFRA 2009)

Sensitization possible through skin contact.

· Germ cell mutagenicity

LINALYL ACETATE

OECD 471 AMES: NEGATIVE (in vitro) (RIFM 1989)

78-70-6 LINALOOL

OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)

76-22-2 **CAMPHOR**

OECD 471 AMES: NEGATIVE (in vitro) (Anderson and Styles 1978)

Eucalyptol

OECD 471 AMES: NEGATIVE (in vitro) (Haworth, 1983)

87-44-5 **BETA-CARYOPHYLLENE**

OECD 471 AMES: NEGATIVE (in vitro) (Heck and al., 1989)

105-87-3 **GERANYL ACETATE**

OECD 471 AMES: NEGATIVE (in vitro) (NTP 1987)

Carcinogenicity

LINALOOL

Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007)

Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011)

76-22-2 **CAMPHOR**

Micronoyau: NEGATIVE (mouse) (NTP 1999)

GERANYL ACETATE 105-87-3

Micronoyau: NEGATIVE (mouse) (in vivo, Shelby 1993)

2442-10-6 1-Octen-3-yl acetate

Micronoyau: NEGATIVE (in vitro) (RIFM 2014)

COUMARIN

Micronoyau: NEGATIVE (in vitro) (RIFM 2019)

Reproductive toxicity Not determined.

STOT-single exposure

Not determined.

STOT-repeated exposure

Not determined.

Aspiration hazard

Not determined.

Subacute to chronic toxicity:

LINALYL ACETATE

Oral, NOAEL: 250 mg/kg (rat) (90days, RIFM 1980)

LINALOOL

Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al.,

2008)

76-22-2 **CAMPHOR**

Oral, NOAEL: >800 mg/kg (rat) (fetal toxicity GD 6 to 15, NTP 1992)

BETA-CARYOPHYLLENE

Oral, NOAEL: 700 mg/kg (rat) (90 days Schmitt 2016)

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- 11.2 Information on other hazards
- Endocrine disrupting properties
- * None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

8022-15-9 Lavandula × intermedia Emeric ex Loisel. clone

Super (Syn: Lavandula hybrida Reverchon /

Lavandula x burnatii Briquet)

CE50/48h: 14 mg/l (daphnia) (OECD 202) ErC50(0-72h): 21 mg/l (algae) (OECD 201)

115-95-7 LINALYL ACETATE

ErC50(0-72h): 9,6 mg/l (algae) (RIFM 2015) ErC50(0-48h): 15 mg/l (daphnia) (RIFM 2015) 96h-LC50: 11 mg/l (fish) (RIFM 1998)

78-70-6 LINALOOL

LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991)

ErC50(0-72h): 156,7 mg/l (algae)

ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202)

76-22-2 CAMPHOR

CE50/48h: 26,82 mg/l (daphnia) ErC50(0-72h): 23,8 mg/l (algae)

99-87-6 p-cymene

LD50: 1,63 mg/l (fish) (OECD 203)

5989-27-5 (R)-p-mentha-1,8-diene

LD50: 0,71 mg/l (fish) (OECD 203)

91-64-5 COUMARIN

* CE50/48h: 30 mg/l (daphnia) (RIFM 2019)

12.2 Persistence and degradability

No further relevant information available.

• Behaviour in environmental systems: Not determined.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

- PBT:
- Not applicable.
- vPvB:

Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.6 Other adverse effects

No further relevant information available.

- Ecotoxical effects: Not determined.
- Remark:
 - Harmful to fish
- Additional ecological information:
- General notes:

Harmful to aquatic organisms

The material is harmful to the environment.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation
- Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

* . ADR Not classified

* . IMDG Not classified

* . IATA Not classified

14.2 UN proper shipping name

* ADR Not classified

* IMDG Not classified

* IATA Not classified

14.3 Transport hazard class(es)

. ADR

Class Not classified

. IMDG

* . Class Not classified

. IATA

Class
 Not classified

14.4 Packing group

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

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

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II
- None of the ingredients is listed.
 - REGULATION (EU) 2019/1148
 Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
- None of the ingredients is listed.
 - Annex II REPORTABLE EXPLOSIVES PRECURSORS
- None of the ingredients is listed.
- Regulation (EC) No 273/2004 on drug precursors
 - None of the ingredients is listed.
 - Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
- * None of the ingredients is listed.
 - National regulations:

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- Technical instructions (air):
- Class Share in %
 - 5,54
- Waterhazard class: Generally not hazardous for water.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document.

The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

Relevant phrases

	• Relevant	prirases
	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.
	H331	Toxic if inhaled.
	H332	Harmful if inhaled.
*	H336	May cause drowsiness or dizziness.
*	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.

Training hints

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.

· Abbreviations and acronyms:

IFRA:International Fragrance Association IOFI:International Organization of the Flavor Industry

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

Sources

IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

• * Data compared to the previous version altered.