

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name	11332-435-5	Print date	11/02/2023
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Item number/ Trade name	fragrance composition 11332-435-5 Calambac Malacca UFI Code: 1CN7-0KRM-RHAP-3WF9
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1.2 Relevant identified uses of the substance or mixture and uses advised against

General use	Perfumes, fragrances, Formulation of fragranced products
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1.3 Details of the supplier of the safety data sheet

Company/undertaking identification

Antwerp Luxury Candle Supplies

Oostmalsebaan 1c /17
2960 Brecht

mail@luxurycandlesupplies.eu

Phone: +32 343 043 40

www.luxurycandlesupplies.eu

1.4 Emergency telephone number

Name	Anti Gif Centrum
Phone	070 24 52 45

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP) Aquatic Chronic 2;
H411 Toxic to aquatic life with long lasting effects. Eye Irrit. 2; H319
Causes serious eye irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2 Label elements



Signal word

Warning

Nature of Hazard

GHS07 Exclamation mark
GHS09 Environment

Hazard statements

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

Safety precautions

H411 Toxic to aquatic life with long lasting effects.
P264 Wash affected areas thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

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

P321 Specific treatment (see instructions on this label).

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container to hazardous waste.

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P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P273 Avoid release to the environment.
P391 Collect spillage.

Hazard components for labelling

3-p-Cumenyl-2-methylpropionaldehyde
Alpha-Pinene
Pin-2(10)-ene
Alpha-Pinene
a-Methyl-1,3-benzodioxole-5-propionaldehyde
Linalool
(R)-p-Mentha-1,8-diene
Carophyllin
Eugenol
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one
Geraniol
Cinnamaldehyde
1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients

3-p-Cumenyl-2-methylpropionaldehyde: 0,1 % - 0,99 %

CAS-Number: 103-95-7

EINECS / ELINCS / NLP: 203-161-7

REACH registration No.: 01-2119970582-32

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Alpha-Pinene: 0,1 % - 0,99 %

CAS-Number: 80-56-8

EINECS / ELINCS / NLP: 201-291-9

REACH registration No.: 01-2119519223-49-XXXX

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Pin-2(10)-ene: 0,1 % - 0,99 %

CAS-Number: 127-91-3

EINECS / ELINCS / NLP: 204-872-5

REACH registration No.: 01-2119519230-54

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1; H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Alpha-Pinene: 0,1 % - 0,99 %

CAS-Number: 80-56-8

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EINECS / ELINCS / NLP: 201-291-9
 REACH registration No.: 01-2119519223-49-XXXX
 Classification according to EC regulation 1272/2008 (CLP):
 Acute Tox. 4; H302 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

a-Methyl-1,3-benzodioxole-5-propionaldehyde: 0,1 % - 0,99 %
 CAS-Number: 1205-17-0

EINECS / ELINCS / NLP: 214-881-6
 REACH registration No.: 01-2120740119-58
 Classification according to EC regulation 1272/2008 (CLP):
 Aquatic Chronic 2; H411 / Repr. 2; H361 / Skin Sens. 1B; H317

Linalool: 0,1 % - 0,99 %
 CAS-Number: 78-70-6

EU index number: 603-235-00-2
 EINECS / ELINCS / NLP: 201-134-4
 REACH registration No.: 01-2119474016-42
 Classification according to EC regulation 1272/2008 (CLP):
 Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

(R)-p-Mentha-1,8-diene: 0,1 % - 0,99 %
 CAS-Number: 5989-27-5
 EU index number: 601-096-00-2
 EINECS / ELINCS / NLP: 227-813-5
 REACH registration No.: 01-2119529223-47
 Classification according to EC regulation 1272/2008 (CLP):
 Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

alpha,β,2,2,3-Pentamethylcyclopent-3-ene-1-butanol: 3 % - 9,99 %
 CAS-Number: 65113-99-7

EINECS / ELINCS / NLP: 265-453-0
 REACH registration No.: 01-2119975588-15
 Classification according to EC regulation 1272/2008 (CLP):
 Aquatic Chronic 2; H411 / Eye Irrit. 2; H319

Carophyllin: 3 % - 9,99 %
 CAS-Number: 87-44-5
 EINECS / ELINCS / NLP: 201-746-1
 REACH registration No.: 01-2120745237-53
 Classification according to EC regulation 1272/2008 (CLP):
 Asp. Tox. 1; H304 / Skin Sens. 1B; H317

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid): 3 % - 9,99 %
 CAS-Number: 1506-02-1

EINECS / ELINCS / NLP: 216-133-4
 REACH registration No.: 01-2119539433-40
 Classification according to EC regulation 1272/2008 (CLP):
 Acute Tox. 4; H302 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410

Eugenol: 3 % - 9,99 %
 CAS-Number: 97-53-0
 EINECS / ELINCS / NLP: 202-589-1
 REACH registration No.: 01-2119971802-33
 Classification according to EC regulation 1272/2008 (CLP):
 Eye Irrit. 2; H319 / Skin Sens. 1B; H317

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1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one: 1 % - 2,49 %

CAS-Number: 54464-57-2

EINECS / ELINCS / NLP: 259-174-3

REACH registration No.: 01-2119489989-04

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 2 (M = 1); H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one: 1 % - 2,49 %

CAS-Number: 33704-61-9

EINECS / ELINCS / NLP: 251-649-3

REACH registration No.: 01-2119977131-40

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Geraniol: 1 % - 2,49 %

CAS-Number: 106-24-1

EU index number: 603-241-00-5

EINECS / ELINCS / NLP: 203-377-1

REACH registration No.: 01-2119552430-49

Classification according to EC regulation 1272/2008 (CLP):

Eye Dam. 1; H318 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Cinnamaldehyde: 0,1 % - 0,99 %

CAS-Number: 104-55-2

EINECS / ELINCS / NLP: 203-213-9

REACH registration No.: 01-2119935242-45

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 4; H312 / Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one: 0,1 % - 0,99 %

CAS-Number: 23696-85-7

EINECS / ELINCS / NLP: 245-833-2

REACH registration No.: 01-2120105798-49

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

p-Cymene: 0,1 % - 0,99 %

CAS-Number: 99-87-6

EU index number: 601-094-00-1

EINECS / ELINCS / NLP: 202-796-7

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 3; H331 / Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Repr. 2; H361

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Remove affected person from the danger area and lay down. Do not leave affected person unattended. Show this safety data sheet to the doctor in attendance.
In case of inhalation	If unconscious but breathing normally, place in recovery position and seek medical advice. Seek medical aid in case of troubles.
In case of skin contact	Thoroughly clean the contaminated area with water.
After eye contact	Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing	Keep airway open. Never give anything by mouth to an unconscious person. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No data available
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4.3 Indication of any immediate medical attention and special treatment needed

Information to physician	No data available
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	dry extinguishing powder, Alcohol resistant foam , Carbon dioxide (CO2) , water mist
Extinguishing media which must not be used for safety reasons	Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products	May form dangerous gases and vapours in case of fire.
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5.3 Advice for firefighters Special protective equipment for firefighters

Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. +25°C.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Leads to irritation of the mucous membranes.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid exposure - obtain special instructions before use. Do not breathe vapours. Avoid contact with skin, eyes, and clothing. When using do not eat, drink, smoke, sniff. Ensure all waste water is collected and treated via a waste water treatment plant. Personal protection equipment: see section 8

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed in a cool, well-ventilated place. Protect from light. Do not store together with food.

Storage class

10

7.3 Specific end use(s)

General use

Perfumes, fragrances, Formulation of fragranced products

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Respiratory protection

Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. Filter Typ ABEK gemäß EN 14387 benutzen. Provide good ventilation and/or an exhaust system in the work area.

Hand protection

breakthrough time Short-term, accidental skin contact: Breakthrough time 10 min
In case of prolonged or frequently repeated skin contact: If direct skin contact with the chemical is expected during work, then gloves conforming to EN 16523-1/ASTM F739 (or equivalent local standard) with a breakthrough time at least equal to the contact time must be worn. Breakthrough time: Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Use safety glasses conforming to EN 166/ANSI Z87.1 or equivalent local standards.

Body protection

EN 143. When handling larger quantities: face protection, rubber boots and rubber apron.

General protection and hygiene measures

Wash hands before breaks and immediately after using the product. Wash contaminated clothing prior to re-use.

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SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form liquid
Colour dark orange
Odour characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	> 98 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---		---
Vapour pressure	---	---	---	---
Density and/or relative density	1,027 g/ml	---	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

9.2 Other information

SECTION 10: Stability and reactivity

- 10.1 Reactivity** No data available
- 10.2 Chemical stability** No data available
- 10.3 Possibility of hazardous reactions** Electrical installations must be suitable for temperature class T2.
- 10.4 Conditions to avoid** No data available
- 10.5 Incompatible materials** No data available
- 10.6 Hazardous decomposition products** No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

No data available

Toxicological tests: components

Alpha-Pinene

oral	LD50	3700.0	mg/kg	-
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Rat

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Toxicological tests: components

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Alpha-Pinene

oral	LD50	500.0	mg/kg	-
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Rat

Toxicological tests: components

a-Methyl-1,3-benzodioxole-5-propionaldehyde

oral	LD50	3561.0	mg/kg	-
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Rat

Toxicological tests: components

Linalool

oral	LD50	2790.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components (R)-p-

Mentha-1,8-diene

oral	LD50	5600.0	mg/kg	-
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Mouse

dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components

alpha,β,2,2,3-Pentamethylcyclopent-3-ene-1-butanol

oral	LD50	6750.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

Carophyllin

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)

oral	LD50	570.0	mg/kg	-
------	------	-------	-------	---

Rat

dermal	LD50	7940.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

Eugenol

oral	LD50	2130.0	mg/kg	-
------	------	--------	-------	---

guinea pig

Toxicological tests: components

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one

oral	LD50	2900.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

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Geraniol

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oral	LD50	3600.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

Cinnamaldehyde

oral	LD50	2200.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one

oral	LD50	2900.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components p-

Cymene

oral	LD50	4750.0	mg/kg	-
------	------	--------	-------	---

Rat

inhalative	LC50	9.7	mg/L/4h	-
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Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

11.2 Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

Further details

No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

No data available

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12.2 Persistence and degradability

Evaluation text	No data available
Degree of elimination	No data available
Analytical method	No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

12.7 Other adverse effects

An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation	Discharge into the environment must be avoided. C15H30O2 Dispose of contents/container in accordance with local/regional/national/international regulation.
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Package

Recommendation	Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.
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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG UN3082

14.2 UN proper shipping name

Product designation: ADR/RID Environmentally hazardous substance, liquid n.o.s.
Proper shipping name: IATA-DGR Environmentally hazardous substance, liquid, n.o.s.
(5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol, Acetyl-hexamethyl-tetrahydronaphthalene)
Proper shipping name: IMDG Environmentally hazardous substance, liquid, n.o.s.
(5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol, Acetyl-hexamethyl-tetrahydronaphthalene)

14.3 Transport hazard class(es)

Class ADR/RID 9
Classification code M6
ADR/RID
Class IATA-DGR 9
Subrisk IATA-DGR ---
Class IMDG 9
Subrisk IMDG ---

14.4 Packing group

ADR, IATA, IMDG III

14.5 Environmental hazards

Marine Pollutant - IMDG MARINE POLLUTANT
EmS F-A, S-F
Stowage and segregation Stowage Category A

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ E1
Limited quantities 5L
Special Provisions ADR: 274, 335, 375, 601
IMDG: 274, 335, 969
IATA: A97, A158, A197
Tunnel restriction (-)
Transport category 3
Kemmler-number 90

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SECTION 15: Regulatory information

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

National regulations

Germany

Storage class	10
Water Hazard Class	3
Incident regulation	E2 Hazardous to the Aquatic Environment in Category Chronic 2
Information on working limitations	---

15.2 Chemical Safety Assessment

Chemical Safety Assessment	---
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SECTION 16: Other information

Hazard statements (CLP)

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H361 Suspected of damaging fertility or the unborn child.
- 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.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- H318 Causes serious eye damage.

Reason of change ---

Abbreviations

no data, not determined or not applicable

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)

OECD Organisation for Economic Co-operation and Development

LD50 Median lethal dose

LC50 Median lethal concentration

EC50 Median effective dose

IC50 Median inhibitory concentration

VCI Verband der chemischen Industrie

CAS Chemical Abstract Service

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

NLP No Longer Polymers

CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging

EG European Union

WGK water hazard class (according to AwSV, Appendix 1 (5.2))

AGW Occupational Exposure Limit

ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)

EmS Emergency Schedules

PBT persistent, bioaccumulative and toxic

vPvB very persistent and very bioaccumulative

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878 regulations.