

SAFETY DATA SHEET

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



Item number/ Trade name		Print date	09/16/2025
Version/ Issue date:	11 / 09/03/2025	Page	1 of 13

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

1.1 Product identifier

Item number/ Trade name	fragrance composition ALMA de LIMA & Chispas de Bergamota
UFI	UUCH-YHFD-9MKN-UC2W

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	RUTA de la CERA S.L. B66957648 Cerdanya 35 nave 7, P.I. La Borda 08140 CALDES DE MONTBUI BARCELONA +34 93 688 31 07 info@rutadelacera.es
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1.4 Emergency telephone number

INSTITUTO NACIONAL DE TOXICOLOGIA MADRID 915620420

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 Irrit. 2; H315 Causes skin 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

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Safety precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash affected areas thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P391 Collect spillage.

SAFETY DATA SHEET

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



Item number/ Trade name

Version/ Issue date:

11 / 09/03/2025

Print date

09/16/2025

Page

2 of 13

Hazard components for labelling

(2E)-2-(phenylmethylidene)octanal(101-86-0); Geranyl acetate(105-87-3);
Geraniol(106-24-1); Pin-2(10)-ene(127-91-3); Citral(5392-40-5);
3,7-dimethylocta-3,6-dienal(55722-59-3); (R)-p-Mentha-1,8-diene(5989-27-5);
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde(68039-49-6); Linalool(78-70-6); Orange,
sweet, ext.(8028-48-6); Alpha-Pinene(80-56-8)

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

Citral: 3 % - 9,99 %
CAS-Number: 5392-40-5
EU index number: 605-019-00-3
EC-number: 226-394-6
REACH registration No.: 01-2119462829-23
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Orange, sweet, ext.: 3 % - 9,99 %
CAS-Number: 8028-48-6
EC-number: 232-433-8
REACH registration No.: 01-2119493353-35
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

(2E)-2-(phenylmethylidene)octanal: 3 % - 9,99 %
CAS-Number: 165184-98-5
EC-number: 639-566-4
REACH registration No.: 01-2119533092-50
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 2; H411 / Skin Sens. 1; H317

Benzyl acetate: 1 % - 2,49 %
CAS-Number: 140-11-4
EC-number: 205-399-7
REACH registration No.: 01-2119638272-42
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 3; H412

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate: 1 % - 2,49 %
CAS-Number: 68912-13-0
EC-number: 272-805-7

SAFETY DATA SHEET

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



Item number/ Trade name ALMA de LIMA & Chispas de Bergamota
Version/ Issue date: 11 / 09/03/2025

Print date 09/16/2025
Page 3 of 13

REACH registration No.: 01-2119969447-21
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411

2,6-dimethyloct-7-en-2-ol: 1 % - 2,49 %
CAS-Number: 18479-58-8
EC-number: 242-362-4
REACH registration No.: 01-2119457274-37
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / STOT SE 3; H336 / Skin Irrit. 2; H315

2,6-dimethyloctan-2-ol: 1 % - 2,49 %
CAS-Number: 18479-57-7
EC-number: 242-361-9
REACH registration No.: 01-2120756111-66
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315

Pin-2(10)-ene: 1 % - 2,49 %
CAS-Number: 127-91-3
EC-number: 204-872-5
REACH registration No.: 01-2119519230-54
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 /
Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Allyl hexanoate: 0,1 % - 0,99 %
CAS-Number: 123-68-2
EC-number: 204-642-4
REACH registration No.: 01-2119983573-26
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 3; H301 / Acute Tox. 3; H311 / Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 2; H411

(R)-p-Mentha-1,8-diene: 0,1 % - 0,99 %
CAS-Number: 5989-27-5
EU index number: 601-096-00-2
EC-number: 227-813-5
REACH registration No.: 01-2119529223-47
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 3; H412 / 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
EC-number: 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; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Asp. Tox. 1; H304
/ Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

SAFETY DATA SHEET

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



Item number/ Trade name
Version/ Issue date:

ALMA de LIMA & Chispas de Bergamota
11 / 09/03/2025

Print date 09/16/2025
Page 4 of 13

Linalool: 0,1 % - 0,99 %
CAS-Number: 78-70-6
EU index number: 603-235-00-2
EC-number: 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

Geraniol: 0,1 % - 0,99 %
CAS-Number: 106-24-1
EU index number: 603-241-00-5
EC-number: 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

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 0,1 % - 0,99 %
CAS-Number: 68039-49-6
EC-number: 268-264-1
REACH registration No.: 01-2119982384-28
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Geranyl acetate: 0,1 % - 0,99 %
CAS-Number: 105-87-3
EC-number: 203-341-5
REACH registration No.: 01-2119973483-29
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3,7-dimethylocta-3,6-dienal: 0,1 % - 0,99 %
CAS-Number: 55722-59-3
EC-number: 259-777-1
Classification according to EC regulation 1272/2008 (CLP):
Skin Sens. 1B; H317

Isoeugenol: 0,01 % - 0,09 %
CAS-Number: 97-54-1
EU index number: 604-094-00-X
EC-number: 202-590-7
REACH registration No.: 01-2120223682-61
Classification according to EC regulation 1272/2008 (CLP):

SAFETY DATA SHEET

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



Item number/ Trade name	ALMA de LIMA & Chispas de Bergamota	Print date	09/16/2025
Version/ Issue date:	11 / 09/03/2025	Page	5 of 13

Acute Tox. 4; H302 / Acute Tox. 4; H312 / Acute Tox. 4; H332 / Eye Irrit. 2; H319 / STOT SE 3; H335 /
Skin Irrit. 2; H315 / Skin Sens. 1A; H317 (0,01% <= C)
Skin Sens. 1; H317: C >=0,01%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

<u>4.1 Description of first aid measures</u>	
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.
<u>4.2 Most important symptoms and effects, both acute and delayed</u>	
Symptoms	No data available
<u>4.3 Indication of any immediate medical attention and special treatment needed</u>	
Information to physician	No data available

SECTION 5: Firefighting measures

<u>5.1 Extinguishing media</u>	
Suitable extinguishing media	dry extinguishing powder, Alcohol resistant foam , carbon dioxide , water mist
Extinguishing media which must not be used for safety reasons	Full water jet
<u>5.2 Special hazards arising from the substance or mixture</u>	
Possible combustion products	May form dangerous gases and vapours in case of fire.
<u>5.3 Advice for firefighters</u>	
Special protective equipment for firefighters	Wear a self-contained breathing apparatus and chemical protective clothing.
Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

SAFETY DATA SHEET

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



Item number/ Trade name	ALMA de LIMA & Chispas de Bergamota	Print date	09/16/2025
Version/ Issue date:	11 / 09/03/2025	Page	6 of 13

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. Discharge into the environment must be avoided. If necessary notify appropriate authorities.

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. 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
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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.
Storage class	10

7.3 Specific end use(s)

General use	Perfumes, fragrances, Formulation of fragranced products
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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. Provide good ventilation and/or an exhaust system in the work area.
Hand protection	breakthrough time Short-term, accidental skin contact: Breakthrough time10 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	Wear suitable protective clothing. When handling larger quantities: face protection, rubber boots and rubber apron.
General protection and hygiene measures	Avoid contact with skin, eyes, and clothing. After work, wash hands and face. When using do not eat, drink or smoke. Wash contaminated clothing prior to re-use.

SAFETY DATA SHEET

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



Item number/ Trade name

Version/ Issue date:

ALMA de LIMA & Chispas de Bergamota

11 / 09/03/2025

Print date

Page

09/16/2025

7 of 13

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form

Colour

Odour

liquid

yellowish

characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	< 20 °C	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	84 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---	---	---
Vapour pressure	ber. 0,1941 hPa	---	20 °C	---
Density and/or relative density	0,873 g/cm³	---	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

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

No data available

No data available

Strong oxidizing agents

No data available

No data available

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

Toxicological tests: components

No data available

Citral				
oral	LD50	4950.0	mg/kg	-
Rat				
dermal	LD50	2250.0	mg/kg	-

SAFETY DATA SHEET

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



Item number/ Trade name
Version/ Issue date:

ALMA de LIMA & Chispas de Bergamota
11 / 09/03/2025

Print date
Page

09/16/2025
8 of 13

Rabbit

Toxicological tests: components

Orange, sweet, ext.

oral	LD50	5000.0	mg/kg	-
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Rat

Toxicological tests: components

(2E)-2-(phenylmethyldiene)octanal

oral	LD50	3100.0	mg/kg	-
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Rat

Toxicological tests: components

Benzyl acetate

oral	LD50	2490.0	mg/kg	-
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Rat

Toxicological tests: components

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate

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

Rat

Toxicological tests: components

2,6-dimethyloct-7-en-2-ol

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

Rat

Toxicological tests: components

2,6-dimethyloctan-2-ol

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

Rat

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

Rabbit

Toxicological tests: components

Allyl hexanoate

oral	LD50	218.0	mg/kg	-
------	------	-------	-------	---

Rat

dermal	LD50	300.0	mg/kg	-
--------	------	-------	-------	---

Rabbit

Toxicological tests: components

(R)-p-Mentha-1,8-diene

oral	LD50	5600.0	mg/kg	-
------	------	--------	-------	---

Mouse

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

Rabbit

Toxicological tests: components

Alpha-Pinene

oral	LD50	500.0	mg/kg	-
------	------	-------	-------	---

Rat

Toxicological tests: components

Linalool

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

Rat

Toxicological tests: components

Geraniol

SAFETY DATA SHEET

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



Item number/ Trade name
Version/ Issue date:

ALMA de LIMA & Chispas de Bergamota
11 / 09/03/2025

Print date
Page

09/16/2025
9 of 13

oral	LD50	3600.0	mg/kg	-
Rat				
dermal	LD50	5000.0	mg/kg	-
Rabbit				
Toxicological tests: components				
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde				
oral	LD50	3100.0	mg/kg	-
Rat				
dermal	LD50	5000.0	mg/kg	-
Rabbit				
Toxicological tests: components				
Geranyl acetate				
oral	LD50	6330.0	mg/kg	-
Rat				
Toxicological tests: components				
Isoeugenol				
oral	LD50	1560.0	mg/kg	-
Rat				
dermal	LD50	1770.0	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.
No data available

Further details

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

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



Item number/ Trade name	ALMA de LIMA & Chispas de Bergamota	Print date	09/16/2025
Version/ Issue date:	11 / 09/03/2025	Page	10 of 13

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

<u>Product</u>	
Recommendation	Discharge into the environment must be avoided. Dispose of waste according to applicable legislation.
<u>Package</u>	
Recommendation	Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SAFETY DATA SHEET

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



Item number/ Trade name

Version/ Issue date:

ALMA de LIMA & Chispas de Bergamota

11 / 09/03/2025

Print date

Page

09/16/2025

11 of 13

SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG

UN3082

14.2 UN proper shipping name

Product designation: ADR/RID

Proper shipping name: IATA-DGR

Proper shipping name: IMDG

Environmentally hazardous substance, liquid n.o.s.

Environmentally hazardous substance, liquid, n.o.s.

Environmentally hazardous substance, liquid, n.o.s.

14.3 Transport hazard class(es)

Class ADR/RID

Classification code

ADR/RID

9

M6

Class IATA-DGR

Subrisk IATA-DGR

9

Class IMDG

Subrisk IMDG

9

14.4 Packing group

ADR, IATA, IMDG

III

14.5 Environmental hazards

Marine Pollutant - IMDG

EmS

Stowage and segregation

-

F-A, S-F

Stowage Category A

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ

Limited quantities

Special Provisions

Tunnel restriction

Transport category

Kemmler-number

E1

5L

ADR: 274, 335, 375, 601

IMDG: 274, 335, 969

IATA: A97, A158, A197

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3

90

SAFETY DATA SHEET

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



Item number/ Trade name	ALMA de LIMA & Chispas de Bergamota	Print date	09/16/2025
Version/ Issue date:	11 / 09/03/2025	Page	12 of 13

SECTION 15: Regulatory information

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

National regulations

Europe

Germany

Storage class	10
Water Hazard Class	2
Major Accident Ordinance (12. BlmSchV)	E2 Hazardous to the Aquatic Environment in Category Chronic 2
Information on working limitations	Observe employment restrictions for young people.

15.2 Chemical Safety Assessment

Chemical Safety Assessment



SAFETY DATA SHEET

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



Item number/ Trade name	ALMA de LIMA & Chispas de Bergamota	Print date	09/16/2025
Version/ Issue date:	11 / 09/03/2025	Page	13 of 13

SECTION 16: Other information

Hazard statements (CLP)

- 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.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- 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.
- H318 Causes serious eye damage.
- H400 Very toxic to aquatic life.

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 machandises 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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.