

SAFETY DATA SHEET

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

Item number/ Trade name

30550 Black Pine and Cinnamon

Version/ Issue date:

8 / 04/30/2023

Print date

03/04/2024

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

Product identifier

Item number/ Trade name

30550 Black Pine and Cinnamon

UFI

UAJ1-A13F-D00A-9UDX

fragrance composition

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

General use

Perfuming agent for finished consumer products

Details of the supplier of the safety data sheet

Company/undertaking identification

Name

Street/POB-No.: 1

City

Country

Phone #

E-mail

Perfumedom

Ag. Panteleimonos 1

Thessaloniki 56123

Greece

+30 2311 110366

sales@perfumedom.com

Emergency telephone number

Name

Phone #

(Mo-Fr)

+30 2311 110366

SECTION 2: Hazards identification

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.

Label elements



Signal word

Nature of Hazard

Warning

GHS07 Exclamation mark
GHS09 Environment

Hazard statements

Safety precautions

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.
P264 Wash affected areas thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see instructions on this label).
P362 Take off contaminated clothing.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P332+P313 If skin irritation occurs: Get medical advice/attention.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove 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.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste.
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

Coumarin
Alpha-Pinene
Pin-2(10)-ene
Linalyl acetate
Linalool
l-Limonene
Citral
2-Methylundecanal
Pentadecan-15-olide
(R)-p-Mentha-1,8-diene
Cinnamaldehyde
Methyl cinnamate
(2E)-2-(phenylmethylidene)octanal
Eugenol
4-tert-butylcyclohexyl acetate
Cineole
Cinnamyl alcohol

Special provisions concerning the labelling of certain mixtures

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

Substances

Mixtures

Hazardous ingredients

Coumarin: 0,1 % - 0,99 %
CAS-Number: 91-64-5
EINECS / ELINCS / NLP: 202-086-7
REACH registration No.: 01-2119949300-45-XXXX
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H302 / 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):
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

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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

Linalyl acetate: 0,1 % - 0,99 %
CAS-Number: 115-95-7
EINECS / ELINCS / NLP: 204-116-4
REACH registration No.: 01-2119454789-19
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / 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

l-Limonene: 0,1 % - 0,99 %
CAS-Number: 5989-54-8
EU index number: 601-029-00-7
EINECS / ELINCS / NLP: 227-815-6
REACH registration No.: 01-2119958629-18
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Citral: 0,1 % - 0,99 %
CAS-Number: 5392-40-5
EU index number: 605-019-00-3
EINECS / ELINCS / NLP: 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

2-Methylundecanal: 0,1 % - 0,99 %
CAS-Number: 110-41-8
EINECS / ELINCS / NLP: 203-765-0
REACH registration No.: 01-2119969443-29
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1; H400 / Aquatic Chronic 1; H410 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Pentadecan-15-olide: 0,1 % - 0,99 %
CAS-Number: 106-02-5
EINECS / ELINCS / NLP: 203-354-6
REACH registration No.: 01-2119987323-31-xxxx
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / 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

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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

Cinnamaldehyde: 25 % - 49,99 %
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

Methyl cinnamate: 3 % - 9,99 %
CAS-Number: 103-26-4
EU index number: -
EINECS / ELINCS / NLP: 203-093-8
REACH registration No.: 01-2119979458-16
Classification according to EC regulation 1272/2008 (CLP):
Skin Sens. 1B; H317

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

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

TERPINYLACETAT: 2,5 % - 2,99 %
CAS-Number: 8007-35-0
EINECS / ELINCS / NLP: 904-693-9
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411

4-tert-butylcyclohexyl acetate: 1 % - 2,49 %

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CAS-Number: 32210-23-4
EINECS / ELINCS / NLP: 250-954-9
REACH registration No.: 01-2119976286-24-xxxx
Classification according to EC regulation 1272/2008 (CLP):
Skin Sens. 1B; H317

Cineole: 1 % - 2,49 %
CAS-Number: 470-82-6
EINECS / ELINCS / NLP: 207-431-5
REACH registration No.: 01-2119967772-24
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Flam. Liq. 3; H226 / Skin Sens. 1B; H317

Cinnamyl alcohol: 1 % - 2,49 %
CAS-Number: 104-54-1
EINECS / ELINCS / NLP: 203-212-3
REACH registration No.: 01-2119934496-29
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H302 / Skin Sens. 1B; H317

Bornan-2-one: 1 % - 2,49 %
CAS-Number: 76-22-2
EINECS / ELINCS / NLP: 200-945-0
REACH registration No.: 01-2119966156-31
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H302 / Acute Tox. 4; H332 / Aquatic Chronic 2; H411 / Eye Dam. 1; H318 / Flam. Sol. 2;
H228 / STOT SE 2; H371 / Skin Irrit. 2; H315

Cedernholzöl Florida Terpene: 0,1 % - 0,99 %
CAS-Number: 68608-32-2

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EINECS / ELINCS / NLP: 294-461-7
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Asp. Tox. 1; H304

SECTION 4: First aid measures

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.

Most important symptoms and effects, both acute and delayed

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

Information to physician	No data available
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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media	dry extinguishing powder, Alcohol resistant foam , C14 H18 O Nr.6+9a , water mist
Extinguishing media which must not be used for safety reasons	Full water jet

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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Advice for firefighters

Special protective equipment for firefighters	combustible substances
Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. (P2)

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. May cause lung damage if swallowed.

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.

Reference to other sections

SECTION 7: Handling and storage

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

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. C12 H20 O2

Storage class

10

Specific end use(s)

General use

Perfumes, fragrances, Formulation of fragranced products

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Respiratory protection

Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. 7 mg/L/96 h 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

Danger of explosion When handling larger quantities: face protection, rubber boots and rubber apron.

General protection and hygiene measures

(ISO/DIS 14669) Wash contaminated clothing prior to re-use.

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SECTION 9: Physical and chemical properties

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	---	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	82 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	1,003 g/ml	---	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

Other information

SECTION 10: Stability and reactivity

Reactivity
Chemical stability
Possibility of hazardous reactions
Conditions to avoid
Incompatible materials
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

Information on toxicological effects

General remarks

No data available

Toxicological tests: components

Coumarin

oral	LD50	290.0	mg/kg	-
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Toxicological tests: components

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Alpha-Pinene

oral	LD50	500.0	mg/kg	-
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Toxicological tests: components

Linalyl acetate

oral	LD50	13934.0	mg/kg	-
------	------	---------	-------	---

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

Toxicological tests: components

Linalool

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

Toxicological tests: components

Citral

oral	LD50	4950.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	2250.0	mg/kg	-
--------	------	--------	-------	---

Toxicological tests: components

2-Methylundecanal

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

dermal	LD50	10000.0	mg/kg	-
--------	------	---------	-------	---

Toxicological tests: components

Pentadecan-15-olide

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

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

Toxicological tests: components

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

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

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

Toxicological tests: components

Cinnamaldehyde

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

Toxicological tests: components

Methyl cinnamate

oral	LD50	2610.0	mg/kg	-
------	------	--------	-------	---

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

Toxicological tests: components

(2E)-2-(phenylmethylidene)octanal

oral	LD50	3100.0	mg/kg	-
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Toxicological tests: components

Eugenol

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

Toxicological tests: components

4-tert-butylcyclohexyl acetate

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

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

Toxicological tests: components

Cineole

oral	LD50	2480.0	mg/kg	-
------	------	--------	-------	---

Toxicological tests: components

Cinnamyl alcohol

oral	LD50	2000.0	mg/kg	-
------	------	--------	-------	---

Toxicological tests: components

Bornan-2-one

oral	LD50	1310.0	mg/kg	-
------	------	--------	-------	---

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

Toxicity

Aquatic toxicity

No data available

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Persistence and degradability

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

Bioaccumulative potential

No data available

Mobility in soil

No data available

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.

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.

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. ETHANOL (ETHYL ALCOHOL) : 443 mg/L/ 72 h
<u>Package</u>	
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

<u>UN number</u>	
ADR, IATA, IMDG	UN3082
<u>UN proper shipping name</u>	
Product designation: ADR/RID	Environmentally hazardous substance, liquid n.o.s.
Proper shipping name: IATA-DGR	Environmentally hazardous substance, liquid, n.o.s. (alpha-Pinene, beta-Pinene)
Proper shipping name: IMDG	Environmentally hazardous substance, liquid, n.o.s. (alpha-Pinene, beta-Pinene)
<u>Transport hazard class(es)</u>	
Class ADR/RID	9
Classification code ADR/RID	M6
Class IATA-DGR	9
Subrisk IATA-DGR	---
Class IMDG	9
Subrisk IMDG	---
<u>Packing group</u>	
ADR, IATA, IMDG	III
<u>Environmental hazards</u>	
Marine Pollutant - IMDG	MARINE POLLUTANT
EmS	F-A, S-F
Stowage and segregation	Stowage Category A
<u>Special precautions for user</u>	

<u>Maritime transport in bulk according to IMO instruments</u>	

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

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

National regulations

Europe

Germany

Storage class

Water Hazard Class

Incident regulation

Information on working limitations

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2

E2 Hazardous to the Aquatic Environment in Category Chronic 2

Chemical Safety Assessment

Chemical Safety Assessment

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SECTION 16: Other information

Hazard statements (CLP)

- H226 Flammable liquid and vapour.
- H228 Flammable solid.
- 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.
- 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.
- H318 Causes serious eye damage.
- H400 Very toxic to aquatic life.

Reason of change

Abbreviations

-
- REACH

OECD

LD50

LC50

EC50

IC50

VCI

CAS

EINECS

ELINCS

NLP

CLP

EG

WGK

AGW

ADR

RID

IATA

IMDG

MARPOL

EmS

PBT

vPvB
- no data, not determined or not applicable

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

Organisation for Economic Co-operation and Development

Median lethal dose

Median lethal concentration

Median effective dose

Median inhibitory concentration

Verband der chemischen Industrie

Chemical Abstract Service

European Inventory of Existing Commercial Chemical Substances

European List of Notified Chemical Substances

No Longer Polymers

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

European Union

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

Occupational Exposure Limit

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

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

International Air Transport Association

International Maritime Dangerous Goods

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

Emergency Schedules

persistent, bioaccumulative and toxic

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.