Print Date 17.04.2024 Revision Date 17.04.2024

Spiculus

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

1.1 Product identifier

Trade name	:	Spiculus
Authorisation number	:	PCS 07101
Active substance	:	Ethofumesate (45,5 %) EC No.: 247-525-3 CAS No.: 26225-79-6 IUPAC Name: (±)-2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methanesulfonate
Substance No.	:	300000002493

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

Use of the Substance/Mixture	:	Herbicide for professional use.

1.3 Details of the supplier of the safety data sheet

Address	:	Belcrop BV Tiensestraat 300 3400 Landen Belgium
Telephone	:	+32 11 59 83 60
Telefax	:	+32 11 59 83 61
E-mail address Contact Point	:	info@belcrop.be

1.4 Emergency telephone number

Please call the local emergency number.
Emergency number in Belgium (24h/24, 7d/7): +32 11 69 79 80

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (Regulation (EC) No. 1272/2008)

Hazard pictograms :

Signal word : Warning

Hazard statements :	H410	Very toxic to aquatic life with long lasting effects.
	EUH208	Contains 1,2-benzisothiazol-3(2H)-one (CAS No. 2634-33-5). May produce an allergic reaction.
	EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Precautionary statements :	P101	If medical advice is needed, have product container or label at hand.
	Prevention:	
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	Response:	
	P391	Collect spillage.
	Disposal:	
	P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS No. EC No. Index No. Registration No.	Classification (Regulation (EC) No. 1272/2008) _____ M-Factor/SCL/ATE	Conc. [%]
Ethofumesate	26225-79-6 247-525-3 607-314-00-2 -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 _____ M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	45,5
Ethane-1,2-diol	107-21-1 203-473-3 603-027-00-1 01-2119456816-28-XXXX	Acute Tox. 4; H302 STOT RE 2; H373	<= 10
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 -	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 _____ SCL Skin Sens. 1; H317: >= 0,05 %	<= 0,02
Sodium hydroxide	1310-73-2 215-185-5 011-002-00-6 01-2119457892-27	Skin Corr. 1A; H314 _____ SCL Skin Corr. 1A; H314: >= 5 % SCL Skin Corr. 1B; H314: 2 - < 5 % SCL Skin Irrit. 2; H315: 0,5 - < 2 % SCL Eye Irrit. 2; H319: 0,5 - < 2 %	<= 0,01
Substances with a workplace exposure limit			
Ethane-1,2-diol	107-21-1 203-473-3 603-027-00-1 01-2119456816-28-XXXX	Acute Tox. 4; H302 STOT RE 2; H373	<= 10
Sodium hydroxide	1310-73-2 215-185-5 011-002-00-6 01-2119457892-27	Skin Corr. 1A; H314 _____ SCL Skin Corr. 1A; H314: >= 5 % SCL Skin Corr. 1B; H314: 2 - < 5 % SCL Skin Irrit. 2; H315: 0,5 - < 2 % SCL Eye Irrit. 2; H319: 0,5 - < 2 %	<= 0,01

For the full text of the hazard statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : In case of health problems or doubt, contact a doctor.

If inhaled:	:	Interrupt work. Move outside of treated area. Take off contaminated clothing.
In case of skin contact:	:	Take off contaminated clothing. Wash the affected parts of the skin with water and soap, then rinse the skin well.
In case of eye contact:	:	Flush eyes with plenty of, if possible, lukewarm clean water. If the person wears contact lenses, remove them if they can be easily. Continue rinsing. Contact lenses cannot be reused, they must be disposed of.
If swallowed:	:	Rinse month with water, or drink about a glass (1/4 liter) of water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	For specialist advice physicians should contact the poisons information service. When seeking medical treatment, inform the doctor about the product that was worked with, provide him with information from the label, label or package leaflet and about the first aid provided. The next first aid procedure (including possible follow-up therapy) can be consulted with the Toxicology Information Center: Telephone 24/7: 224 919 293 or 224 915 402.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Water Carbon dioxide (CO2) Dry powder
Unsuitable extinguishing media	:	Water spray jet Polyvalent foam

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting	:	Fire will produce dense black smoke containing hazardous combustion products (see Section 10). Exposure to decomposition products may be a hazard to health.

Do not use a solid water stream as it may scatter and spread fire.

5.3 Advice for firefighters

Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Other information	:	Standard procedure for chemical fires. In the event of fire and/or explosion do not breathe fumes. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Ensure adequate ventilation. Refer to protective measures listed in Section 7 and 8.

6.2 Environmental precautions

Environmental precautions	:	Discharge into the environment must be avoided. Prevent further leakage or spillage. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material. Shovel into suitable container for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

6.4 Reference to other sections

See Section 8 for exposure controls/personal protection. See Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Handle with care. Take care to avoid waste and spillage when weighing, loading and mixing the product. Smoking, eating and drinking should be prohibited in the

application area.
Never mix concentrates directly.
Avoid inhalation, ingestion and contact with skin and eyes.
Avoid formation of dust and aerosols.
For personal protection see Section 8.
Avoid exceeding of the given occupational exposure limits (see Section 8).

Advice on protection against fire and explosion : Use explosion-proof equipment.
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store between 5 °C and 30 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Store in original container.
Keep away from food, drink and animal feeding stuffs.
Keep out of reach of children.

7.3 Specific end use(s)

See Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Component	CAS No.	Form of exposure	Value type	Control parameters	Basis
Ethane-1,2-diol	107-21-1	Not specified	TWA	20 ppm 52 mg/m3	EU IOELV
Ethane-1,2-diol	107-21-1	Not specified	STEL	40 ppm 104 mg/m3	EU IOELV
Sodium hydroxide	1310-73-2	Not specified	STEL	2 mg/m3	IE OEL

8.2 Exposure controls

Personal protective equipment

Respiratory protection : Not required.

Hand protection	:	Protective gloves marked with a chemical hazard pictogram according to ČSN EN ISO 21420 with a code according to ČSN EN ISO 374-1.
Eye protection	:	Not required. Do not wear contact lenses.
Skin and body protection	:	Protective clothing according to ČSN EN ISO 27065 (for working with pesticides - e.g. type C2), or type 6 according to ČSN EN 13034+A1 (against small amounts of spraying). Closed work shoes according to ČSN EN ISO 20347 (with regard to the work performed).
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Store personal protection equipment in a clean location away from the work area. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Damaged PPE (e.g. torn gloves) must be replaced immediately. Keep away from food and drink. Wash hands before eating, drinking, or smoking.
Protective measures	:	Always have on hand a first-aid kit, together with proper instructions.

Environmental exposure controls

General advice	:	Discharge into the environment must be avoided. Prevent further leakage or spillage. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
Soil	:	Avoid subsoil penetration.
Water	:	Do not flush into surface water or sanitary sewer system. Retain and dispose of contaminated wash water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	Liquid
Colour	:	Opaque White

Odour	:	Sweet
Flash point	:	83 °C Method: EC A.9
Ignition temperature	:	> 400 °C Method: EC A.15 Not auto-flammable
Lower explosion limit	:	No data available
Upper explosion limit	:	No data available
Explosive properties	:	Not explosive
Flammability	:	The product is not highly flammable.
Oxidising properties	:	The substance or mixture is not classified as oxidizing. Method: Theoretical assessment
Decomposition temperature	:	280 - 405 °C (Active substance)
pH	:	7,44 at 20 °C Conc.: 1 % Method: CIPAC MT 75.3 (1 % dilution) (as aqueous solution)
Melting point/melting range	:	69,6 - 70,7 °C (Active substance)
Boiling point/boiling range	:	No data available
Vapour pressure	:	0,00036 Pa at 20 °C (Active substance) 0,00065 Pa at 25 °C (Active substance) 0,004 hPa at 40 °C (Active substance)
Density	:	No data available
Relative density	:	1,1328 at 20 °C Method: EC A.3
Solubility in water	:	50 g/l at pH 7,7 at 25 °C (Active substance)

Partition coefficient n-octanol/water	:	Pow: 486 Log Pow: 2,7 at pH 6,44 at 25 °C (Active substance)
Kinematic viscosity	:	Method: OECD TG 114 Non-newtonian liquid
Relative vapour density	:	No data available
Surface tension	:	ca.44,25 mN/m at 20 °C Method: EC A.5 ca.42,59 mN/m at 25 °C Method: EC A.5
Particle size	:	0,872 µm d10 2,902 µm d50 9,664 µm d90

9.2 Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Stable under recommended storage conditions.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.
Other hazardous decomposition products may be formed.

SECTION 11: Toxicological information

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

Acute toxicity

Product

Acute oral toxicity : > 2.000 mg/kg
Species: Rat
Method: OECD TG 401

Component

Acute oral toxicity

Ethofumesate
26225-79-6 : LD50 Oral: > 2.000 mg/kg
Species: Rat

Ethane-1,2-diol
107-21-1 : LD50 Oral: 7.712 mg/kg
Species: Rat

Product

Acute inhalation toxicity : Remarks: Based on available data, the classification criteria are not met.

Component

Acute inhalation toxicity

Ethofumesate
26225-79-6 : LC50: > 0,16 mg/l
Exposure time: 4 h
Species: Rat
Target Organs: Whole body

Ethane-1,2-diol
107-21-1 : LC50: > 2,5 mg/l
Exposure time: 6 h
Species: Rat
Target Organs: Whole body

Product

Acute dermal toxicity : > 2.000 mg/kg

Species: Rat
Method: OECD TG 402

Component

Acute dermal toxicity

Ethofumesate 26225-79-6	:	LD50 Dermal: > 2.000 mg/kg Species: Rat
Ethane-1,2-diol 107-21-1	:	LD50 Dermal: > 3.500 mg/kg Species: Mouse

Skin corrosion/irritation

Product

Skin irritation	:	Species: Rabbit Results: No skin irritation Method: OECD TG 404 Exposure time: 4 h

Component

Skin irritation

Ethofumesate 26225-79-6	:	Species: Rabbit Results: No skin irritation
Ethane-1,2-diol 107-21-1	:	Species: Rabbit Results: No skin irritation

Serious eye damage/eye irritation

Product

Eye irritation	:	Species: Rabbit Results: No eye irritation Method: OECD TG 405 Remarks: Single dose

Component

Eye irritation

Ethofumesate 26225-79-6	:	Species: Rabbit Results: No eye irritation
Ethane-1,2-diol 107-21-1	:	Species: Rabbit Results: No eye irritation

Respiratory or skin sensitization

Product

Sensitisation : Test type: Maximisation Test
Species: Guinea pig
Results: Did not cause sensitization on laboratory animals.
Method: OECD TG 406

Component

Sensitisation

Ethofumesate
26225-79-6 : Test type: Maximisation Test
Species: Guinea pig
Results: Did not cause sensitization on laboratory animals.

Test type: Buehler Test
Species: Guinea pig
Results: Did not cause sensitization on laboratory animals.

Ethane-1,2-diol
107-21-1 : Remarks: Possible sensitisation potential with humans.

Germ cell mutagenicity

Product

Germ cell mutagenicity-Assessment : Contains no ingredient listed as a mutagen.

Carcinogenicity

Ethofumesate
26225-79-6 : Species: Rat
Exposure time: 2 yr
NOAEL: 101 mg/kg bw/day

Species: Mouse
Exposure time: 18 months
NOAEL: 146,7 mg/kg bw/day

Species: Dog
Exposure time: 2 yr
NOAEL: 109 mg/kg bw/day

Product

Remarks : Contains no ingredient listed as a carcinogen.

Reproductive toxicity

Component

Effects on fertility

Ethofumesate : General toxicity parent: NOAEL: 60,9 mg/kg bw/day

26225-79-6 General toxicity F1: NOAEL: 60,9 mg/kg bw/day

Effects on foetal development

Ethofumesate
26225-79-6 : Species: Rat
General Toxicity Maternal: NOAEL: 1.000 mg/kg bw/day
Developmental Toxicity: NOAEL: 1.000 mg/kg bw/day

Species: Rabbit
General Toxicity Maternal: NOAEL: 600 mg/kg bw/day
Developmental Toxicity: NOAEL: 1.500 mg/kg bw/day

Specific target organ toxicity - single exposure

Product

: Remarks: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Component

Ethofumesate
26225-79-6 : Remarks: No data available

Specific target organ toxicity - repeated exposure

Product

: Remarks: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Component

Ethofumesate
26225-79-6 : Remarks: No data available

Ethane-1,2-diol
107-21-1 : Routes of exposure: Ingestion
Target Organs: Kidney
Remarks: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Product
Aspiration toxicity : No aspiration toxicity classification.

Component

Ethofumesate
26225-79-6 : No data available

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other information

Product

Remarks : No human information is available.

Component

Ethofumesate
26225-79-6

Remarks : No human information is available.

Ethane-1,2-diol
107-21-1

Remarks : Inhalation of vapours at higher concentrations may lead to irritation of eyes, nose and respiratory tract.

SECTION 12: Ecological information

12.1 Toxicity

Product

Toxicity to fish : LC50: 18,9 mg/l
Exposure time: 96 h
Species: Oncorhynchus mykiss (Rainbow trout)
Test Type: Static test
Method: OECD TG 203

Component

Toxicity to fish

Ethofumesate
26225-79-6 : LC50: 10,92 mg/l
Exposure time: 96 h
Species: Danio rerio (Zebra fish)
Test Type: Semi-static test

Ethane-1,2-diol
107-21-1 : LC50: > 72.860 mg/l
Exposure time: 96 h
Species: Pimephales promelas (Fathead minnow)

Product

Toxicity to daphnia and other aquatic invertebrates.	:	EC50: 29,73 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Test Type: Immobilization Method: OECD TG 202

Component

Toxicity to daphnia and other aquatic invertebrates.

Ethofumesate 26225-79-6	:	EC50: 1,7 mg/l Exposure time: 96 h Species: Crassostrea virginica (eastern oyster) Test Type: Flow-through test
Ethane-1,2-diol 107-21-1	:	EC50: > 100 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)

Product

Toxicity to algae and aquatic plants	:	ErC50: 9,26 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (Green algae) Test Type: Static test Method: OECD TG 201

Component

Toxicity to algae and aquatic plants

Ethofumesate 26225-79-6	:	ErC50: 16,3 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (Green algae) Test Type: Static test ErC50: 0,479 mg/l Exposure time: 14 d Species: Myriophyllum spicatum Test Type: Static test
Ethane-1,2-diol 107-21-1	:	EC50: 6.500 - 13.000 mg/l Exposure time: 96 h Species: Selenastrum capricornutum

Component

M-Factor Acute aquatic toxicity

Ethofumesate 26225-79-6	:	1

M-Factor Chronic aquatic toxicity

Ethofumesate 26225-79-6	:	1

Component

Toxicity to fish (Chronic toxicity)

Ethofumesate 26225-79-6	:	0,156 mg/l Species: Danio rerio (Zebra fish) Test Type: Flow-through test
Ethane-1,2-diol 107-21-1	:	NOEC: 15.380 mg/l Exposure time: 7 d Species: Pimephales promelas (Fathead minnow)

Component

Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity)

Ethofumesate 26225-79-6	:	NOEC: 0,25 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Test Type: Semi-static test
Ethane-1,2-diol 107-21-1	:	NOEC: 8.590 mg/l Exposure time: 7 d Species: Ceriodaphnia (water flea)

Product

Toxicity to soil-dwelling organisms	:	NOEC: 23 mg/kg Exposure time: 56 d Species: Eisenia fetida (Earthworms) Method: OECD TG 222

12.2 Persistence and degradability

Ethofumesate 26225-79-6	:	Remarks: According to the results of tests of biodegradability this product is not readily biodegradable.

Ethane-1,2-diol
107-21-1 : Remarks: According to the results of tests of biodegradability this product is considered as being readily biodegradable.

Component

Stability in soil

Ethofumesate
26225-79-6 : DT50: 26,2 d

12.3 Bioaccumulative potential

Ethofumesate
26225-79-6 : Bioconcentration factor (BCF): 67 - 144

Component

Partition coefficient n-octanol/water

Ethofumesate
26225-79-6 : Pow: 486 (25 °C)
Log Pow: 2,7 (25 °C)
pH: 6,44

Ethane-1,2-diol
107-21-1 : Log Pow: -1,36

12.4 Mobility in soil

Component

Mobility

Ethofumesate
26225-79-6 : Remarks: The product will be dispersed amongst the various environmental compartments (soil/ water/ air).
After release, adsorbs onto soil.
Groundwater contamination is possible.

Product

Surface tension : ca.44,25 mN/m
at 20 °C
Method: EC A.5

ca.42,59 mN/m
at 25 °C
Method: EC A.5

Ethofumesate
26225-79-6 : Test Type:Adsorption/Soil
Koc: 118

Component

Physico-chemical removability

Ethofumesate 26225-79-6	:	Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Endocrine disrupting properties

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product

Additional ecological information	:	The product contains following substances which are hazardous for the environment: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. The product should not be allowed to enter drains, water courses or the soil.
Contaminated packaging	:	Triple rinse containers. Do not re-use empty containers. Store containers and offer for recycling of material when in accordance with the local regulations.

SECTION 14: Transport information

14.1 UN number or ID number

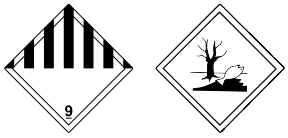
ADR	:	UN 3082
IMDG	:	UN 3082
IATA	:	UN 3082

14.2 UN proper shipping name

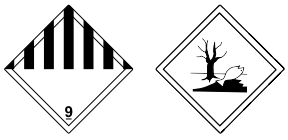
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ethofumesate)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ethofumesate)
IATA	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ethofumesate)

14.3 Transport hazard class(es)

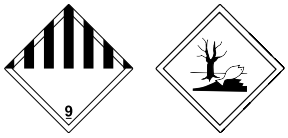
ADR : 9



IMDG : 9



IATA : 9



14.4 Packing group

ADR

Packing group	:	III
Hazard identification No	:	90
Labels	:	9
Tunnel restriction code	:	(-)
Limited quantity	:	5,00 L

IMDG

Packing group	:	III
Labels	:	9
EmS Code	:	F-A, S-F

IATA (Cargo)

Packing instruction (cargo aircraft)	:	964
Maximum quantity	:	450,00 L
Packing instruction (LQ)	:	Y964
Packing group	:	III
Labels	:	Miscellaneous dangerous substance or article

IATA (Passenger)

Packing instruction (passenger aircraft)	:	964
Maximum quantity	:	450,00 L
Packing instruction (LQ)	:	Y964
Packing group	:	III
Labels	:	Miscellaneous dangerous substance or article

14.5 Environmental hazards

ADR
Environmentally hazardous : Yes

IATA (Passenger)
Environmentally hazardous : Yes

IATA (Cargo)
Environmentally hazardous : Yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Major Accident Hazard Legislation : Legislation on the control of major-accident hazards involving dangerous substances
Seveso E1

SEVESO
SEVESO category:Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Full text of hazard statements referred to under Section 2 and 3.

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road; ATE – Acute toxicity estimate; BCF - Bioconcentration factor; bw – Body weight; EC number – European Community number; ECx – Concentration associated with x % response; EmS – Emergency Schedule; ErCx – Concentration associated with x % growth rate response; GLP – Good Laboratory Practice; IATA – International Air Transport Association; IC50 – Half maximal inhibitory concentration; IMDG – International Maritime Dangerous Goods; IMO – International Maritime Organization; LC50 – Lethal Concentration to 50 % of a test population; LD50 – Lethal Dose to 50 % of a test population (Median Lethal Dose); M-factor – Multipying factor; N.O.S. – Not Otherwise Specified; NO(A)EC – No Observed (Adverse) Effect Concentration; NO(A)EL – No Observed (Adverse) Effect Level; OECD – Organization for Economic Co-operation and Development; OEL – Occupacional exposure limit; PBT – Persistent, Bioaccumulative and Toxic substance; SCL – Specific Concentration Limit; TWA – Time-weighted average; UFI – Unique formula identifier; UN – United Nations; vPvB – Very Persistent and Very Bioaccumulative

Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.