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Spiculus IE

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

1.1 Product identifier

Trade name : Spiculus IE

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

National Poisons Information Centre (Beaumont Hospital): 01 809 2166 (8 AM - 10 PM)
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.

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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.

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.

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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 : If you feel unwell, seek medical advice (show the label where possible).

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- If inhaled: : Take off contaminated clothing.
Remove to fresh air.
- In case of skin contact: : Take off contaminated clothing.
Wash with plenty of water and soap for at least 15 minutes.
- In case of eye contact: : Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.
- If swallowed: : Do NOT induce vomiting.
Rinse mouth.

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.
There is no specific antidote available.
Treat symptomatically.

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.

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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 : Use explosion-proof equipment.

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fire and explosion

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 at room temperature.
Store in original container.
Keep in a dry, cool and well-ventilated place.
To maintain product quality, do not store in heat or direct sunlight.
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; except in case of aerosol formation.

Hand protection : Gloves

Eye protection : Not required.
Do not wear contact lenses.

Skin and body protection : Protective suit

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Footwear protecting against chemicals

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

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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

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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.

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

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

Product

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

Component

Acute inhalation toxicity

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

Ethane-1,2-diol : LC50: > 2,5 mg/l
107-21-1 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 : LD50 Dermal: > 2.000 mg/kg
26225-79-6 Species: Rat

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Ethane-1,2-diol : LD50 Dermal: > 3.500 mg/kg
107-21-1 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 : Species: Rabbit
26225-79-6 Results: No skin irritation

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

Ethane-1,2-diol : Species: Rabbit
107-21-1 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

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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
26225-79-6

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

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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.

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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

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Toxicity to daphnia and other aquatic invertebrates.

Ethofumesate : EC50: 1,7 mg/l
26225-79-6 Exposure time: 96 h
Species: Crassostrea virginica (eastern oyster)
Test Type: Flow-through test

Ethane-1,2-diol : EC50: > 100 mg/l
107-21-1 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 : ErC50: 16,3 mg/l
26225-79-6 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 : EC50: 6.500 - 13.000 mg/l
107-21-1 Exposure time: 96 h
Species: Selenastrum capricornutum

Component

M-Factor Acute aquatic toxicity

Ethofumesate : 1
26225-79-6

M-Factor Chronic aquatic toxicity

Ethofumesate : 1
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Component

Toxicity to fish (Chronic toxicity)

<u>Ethofumesate</u> 26225-79-6	: 0,156 mg/l Species: Danio rerio (Zebra fish) Test Type: Flow-through test
<u>Ethane-1,2-diol</u> 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)

<u>Ethofumesate</u> 26225-79-6	: NOEC: 0,25 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Test Type: Semi-static test
<u>Ethane-1,2-diol</u> 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
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12.2 Persistence and degradability

<u>Ethofumesate</u> 26225-79-6	: Remarks: According to the results of tests of biodegradability this product is not readily biodegradable.
<u>Ethane-1,2-diol</u> 107-21-1	: Remarks: According to the results of tests of biodegradability this product is considered as being readily biodegradable.

Component

Stability in soil

<u>Ethofumesate</u> 26225-79-6	: DT50: 26,2 d
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12.3 Bioaccumulative potential

<u>Ethofumesate</u> 26225-79-6	: Bioconcentration factor (BCF): 67 - 144
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Component

Partition coefficient n-octanol/water

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

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

12.4 Mobility in soil

Component

Mobility

Ethofumesate : Remarks: The product will be dispersed amongst the various
26225-79-6 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 : Test Type: Adsorption/Soil
26225-79-6 Koc: 118

Component

Physico-chemical removability

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

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).

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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.

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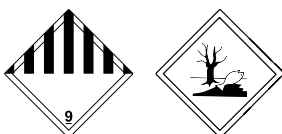
Spiculus IE

(Ethofumesate)

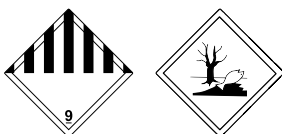
IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(Ethofumesate)

14.3 Transport hazard class(es)

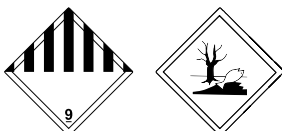
ADR : 9



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

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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.

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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 – Multiplying 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 – Occupational 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

Other information : Update of section 1.4

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