SAFETY DATA SHEET

FLUAZINAM 500SC

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

1.1 Product identifier:

Product name: FLUAZINAM 500SC
Synonyms: Altima; Dirango; Frowncide; Ibiza; IKF-1216; Legacy; Mapro; Ohayo; Sekoya; Shirlan; Shirlan 500 SC; Winner
Registration number REACH: Not applicable (mixture)
Product type REACH: Mixture

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

1.2.1 Relevant identified uses
Fungicide

1.2.2 Uses advised against
No uses advised against known

1.3 Details of the supplier of the safety data sheet:

Supplier of the safety data sheet:
ISK Biosciences Europe N.V.
Pegasus Park, De Kleetlaan 128 - box 9
B-1831 Diegem, Belgium
☎ +32 2 627 86 11
📞 +32 2 627 86 00
isk-msds@isk.be

1.4 Emergency telephone number:
24h/24h (Telephone advice: English, French, German, Dutch):
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation EC No 1272/2008

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

<table>
<thead>
<tr>
<th>Class</th>
<th>Category</th>
<th>Hazard statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repr.</td>
<td>category 2</td>
<td>H361d: Suspected of damaging the unborn child.</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>category 1</td>
<td>H317: May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>category 1</td>
<td>H400: Very toxic to aquatic life.</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>category 1</td>
<td>H410: Very toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC

Classified as dangerous in accordance with the criteria of Directives 67/548/EEC and 1999/45/EC
Repr. Cat. 3; R63 - Possible risk of harm to the unborn child.
R43 - May cause sensitisation by skin contact.
N; R50-53 - Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

2.2 Label elements:

Labelling according to Regulation EC No 1272/2008 (CLP)

Contains: fluazinam.

Signal word: Warning

H-statements
- H361d: Suspected of damaging the unborn child.
- H317: May cause an allergic skin reaction.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
Keep out of reach of children. P102
Obtain special instructions before use. P201
Avoid breathing vapours/mist. P261
Wear protective gloves and protective clothing. P280
Do not eat, drink or smoke when using this product. P270
Contaminated work clothing should not be allowed out of the workplace. P272
Avoid release to the environment. P363
Wash contaminated clothing before reuse. P391
Dispose of contents/container in accordance with local/regional/national/international regulation. P501

**2.3 Other hazards:**

**CLP**
In dry state: combustible

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances:
Not applicable

#### 3.2 Mixtures:

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS No</th>
<th>Conc. (C)</th>
<th>Classification according to DSD/DPD</th>
<th>Classification according to CLP</th>
<th>Note</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluzinam</td>
<td>79622-59-6</td>
<td>C=50 %</td>
<td>Kn; R20 K; R38 - 41 Repr. Cat. 3; R63 R43 N; R50-53</td>
<td>Repr. 2; H361d Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410</td>
<td>(1)(9)</td>
<td>Constituent</td>
</tr>
</tbody>
</table>

(1) For R-phrases and H-statements in full: see heading 16
(9) M-factor, see heading 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

**General:**

**After inhalation:**
Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

**After skin contact:**
Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

**After eye contact:**
Rinse with water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

**After ingestion:**
Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

#### 4.2 Most important symptoms and effects, both acute and delayed:

##### 4.2.1 Acute symptoms

**After inhalation:**
No effects known.

**After skin contact:**
No effects known.

**After eye contact:**
No effects known.
After ingestion:
No effects known.

4.2.2 Delayed symptoms
No effects known.

4.3 Indication of any immediate medical attention and special treatment needed:
If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1 Extinguishing media:
5.1.1 Suitable extinguishing media:
Adapt extinguishing media to the environment.
5.1.2 Unsuitable extinguishing media:
No unsuitable extinguishing media known.

5.2 Special hazards arising from the substance or mixture:
On burning: release of toxic and corrosive gases/vapours (nitrous vapours, hydrogen chloride, hydrofluoric acid, carbon monoxide - carbon dioxide).

5.3 Advice for firefighters:
5.3.1 Instructions:
Dilute toxic gases with water spray. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.
5.3.2 Special protective equipment for fire-fighters:

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
No naked flames.
6.1.1 Protective equipment for non-emergency personnel
See heading 8.2
6.1.2 Protective equipment for emergency responders
Gloves. Safety glasses. Protective clothing.
Suitable protective clothing
See heading 8.2

6.2 Environmental precautions:
Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Prevent soil and water pollution. Prevent spreading in sewers.

6.3 Methods and material for containment and cleaning up:
Take up liquid spill into absorbent material, e.g.: sand/earth. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4 Reference to other sections:
See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1 Precautions for safe handling:
Keep away from naked flames/heat. Observe very strict hygiene - avoid contact. Keep container tightly closed. Remove contaminated clothing immediately. Do not discharge the waste into the drain.

7.2 Conditions for safe storage, including any incompatibilities:
7.2.1 Safe storage requirements:
Provide for a tub to collect spills. Keep only in the original container. Meet the legal requirements.
7.2.2 Keep away from:
Heat sources.
7.2.3 Suitable packaging material:
No data available
7.2.4 Non suitable packaging material:
No data available

7.3 Specific end use(s):
If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer. The product will only be used as fungicide.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure
   a) Occupational exposure limit values
      If limit values are applicable and available these will be listed below.
   b) National biological limit values
      If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods
   If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended
   If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values
   If applicable and available it will be listed below.

8.1.5 Control banding
   If applicable and available it will be listed below.

8.2 Exposure controls:
   The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls
   Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment
   Observe very strict hygiene - avoid contact. Keep container tightly closed. Do not eat, drink or smoke during work.
   a) Respiratory protection:
      High gas/vapour concentration: gas mask with filter type A.
   b) Hand protection:
      Gloves.
   c) Eye protection:
      Face shield.
   d) Skin protection:
      Protective clothing.

8.2.3 Environmental exposure controls:
   See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available on odour</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Colour</td>
<td>Light yellow</td>
</tr>
<tr>
<td>Particle size</td>
<td>Not applicable (liquid)</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non combustible</td>
</tr>
<tr>
<td>Log Kow</td>
<td>Not applicable (mixture)</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>0.062 Pa.s</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.3</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No chemical group associated with explosive properties</td>
</tr>
</tbody>
</table>
OXIDISING PROPERTIES

No chemical group associated with oxidising properties

PH

6.56 ± 1 %

SECTION 10: Stability and reactivity

10.1 Reactivity:
Substance has neutral reaction.

10.2 Chemical stability:
No data available.

10.3 Possibility of hazardous reactions:
No data available.

10.4 Conditions to avoid:
Keep away from naked flames/heat.

10.5 Incompatible materials:
No data available.

10.6 Hazardous decomposition products:
On burning: release of toxic and corrosive gases/vapours (nitrous vapours, hydrogen chloride, hydrofluoric acid, carbon monoxide - carbon dioxide).

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

11.1.1 Test results

Acute toxicity

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Value determination</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>&gt; 2000 mg/kg</td>
<td>Oral</td>
<td>Rat</td>
<td>Experimental value</td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>&gt; 2000 mg/kg</td>
<td>Dermal</td>
<td>Rat</td>
<td>Experimental value</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>&gt; 1.15 mg/l</td>
<td>Inhalation</td>
<td>4 h</td>
<td>Rat</td>
<td>Experimental value</td>
</tr>
</tbody>
</table>

Judgement of the mixture is based on test data on the mixture as a whole

Conclusion
Not classified for acute toxicity

Corrosion/irritation

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Species</th>
<th>Value determination</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Not irritating</td>
<td>OECD 405</td>
<td>1; 24; 48; 72 hours</td>
<td>Rabbit</td>
<td>Experimental value</td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>Not irritating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Judgement of the mixture is based on test data on the mixture as a whole

Conclusion
Not classified as irritating to the skin
Not classified as irritating to the eyes
**Respiratory or skin sensitisation**

**FLUAZINAM 500SC**
No (test)data on the mixture available

**fluazinam**

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Observation time point</th>
<th>Species</th>
<th>Value determination</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Sensitizing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Classification is based on the relevant ingredients

**Conclusion**
May cause an allergic skin reaction.

**Specific target organ toxicity**

**FLUAZINAM 500SC**
No (test)data on the mixture available

Judgement is based on the relevant ingredients

**Conclusion**
Not classified for subchronic toxicity

**Mutagenicity (in vitro)**

**FLUAZINAM 500SC**
No (test)data on the mixture available

**Mutagenicity (in vivo)**

**FLUAZINAM 500SC**
No (test)data on the mixture available

**Carcinogenicity**

**FLUAZINAM 500SC**
No (test)data on the mixture available

**Reproductive toxicity**

**FLUAZINAM 500SC**
No (test)data on the mixture available

**fluazinam**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Effect</th>
<th>Organ</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developmental toxicity</td>
<td>NOAEL</td>
<td>Equivalent to OECD 414</td>
<td>10 mg/kg bw/day</td>
<td>Rat</td>
<td>Fetotoxicity, teratogenicity, maternal toxicity</td>
<td>Experimental value</td>
<td></td>
</tr>
<tr>
<td>LOAEL</td>
<td>Equivalent to OECD 414</td>
<td>250 mg/kg bw/day</td>
<td>Rat</td>
<td>Slowing ossification</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maternal toxicity</td>
<td>NOAEL</td>
<td>Equivalent to OECD 414</td>
<td>10 mg/kg bw/day</td>
<td>Rat</td>
<td></td>
<td>Experimental value</td>
<td></td>
</tr>
</tbody>
</table>

Classification is based on the relevant ingredients

**Conclusion CMR**
Suspected of damaging the unborn child.
Not classified for mutagenic or genotoxic toxicity
Not classified for carcinogenicity

**Toxicity other effects**

**FLUAZINAM 500SC**
No (test)data on the mixture available

**Chronic effects from short and long-term exposure**

**FLUAZINAM 500SC**
ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Skin rash/inflammation.

### SECTION 12: Ecological information

#### 12.1 Toxicity:
**FLUAZINAM 500SC**

### Parameter | Method | Value | Duration | Species | Test design | Fresh/salt water | Value determination
--- | --- | --- | --- | --- | --- | --- | ---
Acute toxicity fishes | LC50 | 0.061 mg/l | 96 h | Salmo gairdneri | | Fresh water | Experimental value
Acute toxicity invertebrates | EC50 | 0.119 mg/l | 48 h | Daphnia magna | | | Experimental value
Toxicity algae and other aquatic plants | EC50 | 0.534 mg/l | 72 h | Selenastrum capricornutum | | | Experimental value

Classification of the mixture is based on test data on the mixture as a whole

**Conclusion**

- Highly toxic to fishes
- Very toxic to invertebrates (Daphnia)
- Highly toxic to algae
- Very toxic to aquatic life with long lasting effects.

### 12.2 Persistence and degradability:

#### FLUAZINAM 500SC

**Half-life soil (1/2 soil)**

| Parameter | Method | Value | Duration | Species | Test design | Fresh/salt water | Value determination |
--- | --- | --- | --- | --- | --- | --- | ---
Acute toxicity fishes | LC50 | 0.036 mg/l | 96 h | Oncorhynchus mykiss | | | Experimental value
Acute toxicity invertebrates | EC50 | 0.19 mg/l | 48 h | Daphnia magna | | | Experimental value
Toxicity algae and other aquatic plants | EC50 | 0.16 mg/l | 96 h | Selenastrum capricornutum | | | Experimental value

**Conclusion**

Contains non readily biodegradable component(s)

### 12.3 Bioaccumulative potential:

**FLUAZINAM 500SC**

#### Log Kow

| Method | Remark | Value | Temperature | Value determination |
--- | --- | --- | --- | ---
Not applicable (mixture) | | | | |

**Conclusion**

Contains bioaccumulative component(s)

### 12.4 Mobility in soil:

**FLUAZINAM 500SC**

#### (log) Koc

| Parameter | Method | Value | Value determination |
--- | --- | --- | ---
Koc | 1958 l/Kg | Experimental value

**Conclusion**

No straightforward conclusion can be drawn based upon the available numerical values

### 12.5 Results of PBT and vPvB assessment:

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

### 12.6 Other adverse effects:

#### FLUAZINAM 500SC

**Global warming potential (GWP)**

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014)

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*Reason for revision: 2.2*  
*Date of revision: 2015-05-25*  
*Publication date: 2002-06-17*  
*Product number: 24038*
Ozone-depleting potential (ODP)
Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

 fluazinam

Global warming potential (GWP)
Not included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014)

### SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

#### 13.1 Waste treatment methods:

**13.1.1 Provisions relating to waste**


- 02 01 08* (wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing: agrochemical waste containing dangerous substances).

Hazardous waste according to Directive 2008/98/EC.

**13.1.2 Disposal methods**

Remove to an incinerator for chlorinated waste materials with energy recovery. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.

**13.1.3 Packaging/Container**


- 15 01 10* (packaging containing residues of or contaminated by dangerous substances).

### SECTION 14: Transport information

**Road (ADR)**

14.1 UN number: 3082

14.2 UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (fluazinam)

14.3 Transport hazard class(es):

- Hazard identification number: 90
- Class: 9
- Classification code: M6

14.4 Packing group:

- Packing group: II
- Labels: 9

14.5 Environmental hazards:

- Environmentally hazardous substance mark: yes

14.6 Special precautions for user:

- Special provisions: 274
- Special provisions: 335
- Special provisions: 375
- Special provisions: 601
- Limited quantities: Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)

**Rail (RID)**

14.1 UN number: 3082

14.2 UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (fluazinam)

14.3 Transport hazard class(es):

- Hazard identification number: 90
- Class: 9
- Classification code: M6

14.4 Packing group:

- Packing group: II
- Labels: 9

14.5 Environmental hazards:

- Environmentally hazardous substance mark: yes
14.6 Special precautions for user:

<table>
<thead>
<tr>
<th>Special provisions</th>
<th>274</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special provisions</td>
<td>335</td>
</tr>
<tr>
<td>Special provisions</td>
<td>375</td>
</tr>
<tr>
<td>Special provisions</td>
<td>601</td>
</tr>
<tr>
<td>Limited quantities</td>
<td>Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)</td>
</tr>
</tbody>
</table>

Inland waterways (ADN)

14.1 UN number:

| UN number | 3082 |

14.2 UN proper shipping name:

| Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (fluazinam) |

14.3 Transport hazard class(es):

| Class | 9 |

14.4 Packing group:

| Packing group | II |
| Labels | 9 |

14.5 Environmental hazards:

| Environmentally hazardous substance mark | yes |

14.6 Special precautions for user:

| Special provisions | 274 |
| Special provisions  | 335 |
| Special provisions  | 375 |
| Special provisions  | 601 |
| Limited quantities  | Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass) |

Sea (IMDG/IMSBIC)

14.1 UN number:

| UN number | 3082 |

14.2 UN proper shipping name:

| Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (fluazinam) |

14.3 Transport hazard class(es):

| Class | 9 |

14.4 Packing group:

| Packing group | II |
| Labels | 9 |

14.5 Environmental hazards:

| Environmentally hazardous substance mark | yes |

14.6 Special precautions for user:

| Special provisions | 274 |
| Special provisions  | 335 |
| Special provisions  | 375 |
| Special provisions  | 601 |
| Limited quantities  | Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass) |

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

| Annex II of MARPOL 73/78 | Not applicable, based on available data |

Air (ICAO-TI/IATA-DGR)

14.1 UN number:

| UN number | 3082 |

14.2 UN proper shipping name:

| Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (fluazinam) |

14.3 Transport hazard class(es):

| Class | 9 |

14.4 Packing group:

| Packing group | II |
| Labels | 9 |

14.5 Environmental hazards:

| Environmentally hazardous substance mark | yes |
14.6 Special precautions for user:

| Special provisions | | A97 |
| Special provisions | A158 |
| Special provisions | A197 |
| Passenger and cargo transport: limited quantities: maximum net quantity per packaging | 30 kg G |

SECTION 15: Regulatory information

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

**European legislation:**

**VOC content Directive 2010/75/EU**

<table>
<thead>
<tr>
<th>VOC content</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>

Plant protection products - listed ingredient
Contains component(s) included in implementing Regulation (EU) No 540/2011

European drinking water standards (Directive 98/83/EC)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Parametric value</th>
<th>Note</th>
<th>Reference</th>
</tr>
</thead>
</table>

REACH Annex XVII - Restriction

The identified uses are not covered by restrictions of Annex XVII of Regulation (EC) No 1907/2006

**National legislation The Netherlands**

**FLUAZINAM 500SC**

| Waste identification (the Netherlands) | LWCA (the Netherlands): KGA category 03 |
| Waterbezwaarlijkheid | 4 |

**fluazinam**

SZW - List of reprotoxic substances (development) | Possibly hazardous to the foetus |

**National legislation Germany**

**FLUAZINAM 500SC**

| Lagerklasse (TRGS510) | I2: Nicht brennbare Flüssigkeiten |
| WGK | 2; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4) |

**National legislation France**

**FLUAZINAM 500SC**

No data available

**National legislation Belgium**

No data available

**FLUAZINAM 500SC**

No data available

**Other relevant data**

FLUAZINAM 500SC

No data available

15.2 Chemical safety assessment:

No chemical safety assessment has been conducted.

SECTION 16: Other information


**Labels**
Contains: fluazinam.

R-phrases

43 May cause sensitisation by skin contact
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
63 Possible risk of harm to the unborn child

S-phrases

(02) (Keep out of the reach of children)
13 Keep away from food, drink and animal feeding stuffs
20/21 When using do not eat, drink or smoke
24 Avoid contact with skin
35 This material and its container must be disposed of in a safe way
36/37/39 Wear suitable protective clothing, gloves, and eye/face protection
(46) (If swallowed, seek medical advice immediately and show this container or label)
57 Use appropriate container to avoid environmental contamination

Additional recommendations

To avoid risks to man and the environment, comply with the instructions for use

Full text of any R-phrases referred to under headings 2 and 3:

R20 Harmful by inhalation
R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact
R50 Very toxic to aquatic organisms
R53 May cause long-term adverse effects in the aquatic environment
R63 Possible risk of harm to the unborn child

Full text of any H-statements referred to under headings 2 and 3:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H361d Suspected of damaging the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

(*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

M-factor

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<th>M-factor</th>
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