

Section A8

Measures necessary to protect man, animals and the environmentOfficial
use only

The information supplied in Annex A/8 should at least meet the requirements of the Safety Data Sheets Directive. The Safety Data Sheets should reflect the contents of Annex B where applicable.

If different measures are necessary for the active substance and its formulations this should be stated in different dossiers.

**Subsection
(Annex Point)**

- 8.1 Recommended methods and precautions concerning handling, use, storage, transport or fire (IIA8.1)**
- 8.1.0 Methods and precautions concerning placing on the market**
Due to the nature of the technical grade material, imiprothrin [REDACTED]
- 8.1.1 Methods and precautions concerning production, handling and use of the active substance and its formulations**
Avoid direct contact with the substance.
Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.
Avoid the formation or spread of mists in the air.
Self-contained breathing apparatus must be available in case of emergency.
- 8.1.2 Methods and precautions concerning storage of the active substance and its formulations**
Store in a cool, well ventilated area.
Keep container tightly closed.
The floor of the storage room must be impermeable to prevent the escape of liquids.
Must only be kept in original packaging.
- 8.1.3 Methods and precautions concerning transport of the active substance and its formulations**
UN No: 3082
ADR Class: 9
Packing group: III
Classification code: M6
Shipping name: ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S
(IMIPROTHRIN)

Labelling: 9
Hazard ID no: 90
- 8.1.4 Methods and precautions concerning fire of the active substance and its formulations**
Suitable extinguishing media surrounding the fire should be used.
Use water spray to cool containers.
In combustion emits toxic fumes.
Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.
- 8.2 In case of fire, nature of reaction products, combustion gases, etc. (IIA8.2)**
In combustion emits toxic fumes.

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- 8.3 Emergency measures in case of an accident (IIA8.3)**
- 8.3.1 Specific treatment in case of an accident, e.g. first-aid measures, antidotes, medical treatment if available**
- Contact with skin:
Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
- Contact with eyes:
Bathe the eye with running water for 15 minutes. Consult a doctor.
- In case of ingestion:
Wash out mouth with water. Do not induce vomiting. If conscious, give a half a litre of water to drink immediately. Consult a doctor.
- 8.3.2 Emergency measures to protect the environment**
- Do not discharge into drains or rivers.
Contain the spillage using bunding.
Absorb into dry earth or sand.
Transfer to a closable, labelled salvage container for disposal by appropriate method.
- 8.4 Possibility of destruction or decontamination following release in or on the following: (a) Air; (b) Water, including drinking water; (c) Soil (IIA8.4)**
- 8.4.1 Possibility of destruction or decontamination following release in the air**
- The low vapour pressure of the active substance indicates that release to air will not occur unless the products are used as specified (i.e. aerosol generated). During normal use of the biocidal products there is a controlled release of the active substance to air. Destruction occurs due to photo-oxidative process.
- 8.4.2 Possibility of destruction or decontamination following release in water, including drinking water**
- Discharge to the environment will be minimal. Trace quantities are destroyed by biological oxidation in waste water treatment plants. The active substance should not normally be discharged directly to the sewage system or aqueous environment.
- 8.4.3 Possibility of destruction or decontamination following release in or on soil**
- Discharge to the terrestrial environment is not expected. Trace quantities would be rapidly degraded by biological processes and photolysis..
- 8.5 Procedures for waste management of the active substance for industry or professional users e.g. possibility of re-use or recycling, neutralisation, conditions for controlled discharge, and incineration (IIA8.5)**
- 8.5.1 Possibility of re-use or recycling**
- No recycling of material is possible.
- 8.5.2 Possibility of neutralisation of effects**
- No method of neutralisation is known.

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| | | Official use only |
|-------|---|-------------------|
| 8.5.3 | Conditions for controlled discharge including leachate qualities on disposal | |
| | There will be minimal discharge to the environment. All waste from the manufacturing/formulation process is collected and stored on site before collection by tanker for transport to an approved disposal facility or final disposal as appropriate with all national and local regulations. | |
| 8.5.4 | Conditions for controlled incineration | X |
| | Large volumes of esbiothrin should be burnt in a proper high temperature incinerator with efficient effluent scrubbing. | |
| 8.6 | Observations on undesirable or unintended side-effects, e.g. on beneficial and other non-target organisms (IIA8.6) | |
| | Beneficial and non-target organisms should not be exposed to the active substance during normal use of the biocidal products. Products are used indoors only. | |
| 8.7 | Identification of any substances falling within the scope of List I or List II of the Annex to Directive 80/68/EEC on the protection of groundwater against pollution caused by certain dangerous substances (IIA8.7) | |
| | None of the ingredients in the biocidal products fall within the scope. | |

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Measures to be adopted to protect man, animals and the environment

| Evaluation by Competent Authorities | |
|--|---|
| | Use separate "evaluation boxes" to provide transparency as to the comments and views submitted |
| | EVALUATION BY RAPPORTEUR MEMBER STATE |
| Date | 23 June 2010 |
| Materials and methods | Section 8.5.4 – the active substance stated should be imiprothrin not esbiothrin. |
| Results and discussion | |
| Conclusion | |
| Reliability | <i>Usually 0, i.e. not applicable, if the section contains no study or test data</i> |
| Acceptability | ██████████ |
| Remarks | |
| | COMMENTS FROM ... |
| Date | <i>Give date of comments submitted</i> |
| Results and discussion | <i>Discuss additional relevant discrepancies referring to the (sub)heading numbers and to applicant's summary and conclusion. Discuss if deviating from view of rapporteur member state</i> |
| Conclusion | <i>Discuss if deviating from view of rapporteur member state</i> |
| Reliability | <i>Discuss if deviating from view of rapporteur member state</i> |
| Acceptability | <i>Discuss if deviating from view of rapporteur member state</i> |
| Remarks | |

Section A9 Classification and Labelling

Proposed classification:

Hazard symbols:



Risk phrases:

R22: Harmful if swallowed

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases :

S2: Keep out of reach of children.

S36: Wear suitable protective clothing.

S60: This material and/or its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions/safety data sheet.

Section A10 Summary and Evaluation of Sections 2 to 9

See relevant sections and Document IIA.
