

SAFETY DATA SHEET - INSECTICIDE

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	INSECTICIDE	
Trade name	INSEC	
CAS No.		n/a
EINECS No.		n/a

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

Identified use(s) Insecticide for use on carpets, upholstery and hard surfaces for the control of all crawling and flying insects. Always read the label before use.

1.3 Details of the supplier of the safety data sheet

Company Identification	Bio Productions Ltd
Company Address	72 Victoria Road, Burgess Hill, RH15 9LH, United Kingdom
Telephone	0044 (0) 1444 244000
Fax	0044 (0) 1444 244999
E-Mail (competent person)	technical@bio-productions.com

1.4 Emergency telephone number

Emergency Phone No. 0044 (0) 1444 244000 (office hours only)

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Aquatic Acute 1 - H400; Aquatic Chronic 1 - H410

2.1 Regulation (EC) No. 1272/2008 (CLP) Classification according to Regulation (EC) No 1272/2008 (CLP)

2.1 Directive 67/548/EEC & Directive 1999/45/EC Classification according to Directive 1999/45/EC
N; R50/53

2.2 Label elements

2.2.1 Label elements According to Regulation (EC) No 1272/2008 (CLP)

GHS Product Identifier

Hazard pictogram(s) CLP



Signal word(s) CLP

Warning

Hazard statement(s)

H410 - Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P273 Avoid release to the environment
P501 Dispose of contents/ container to Professional disposal company
P103 Read label before use
P391 Collect spillage.

Supplementary Precaution:

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3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	REACH according to Directive 67/548/EEC	CLP according to Regulation EC/1272/2008
Cypermethrin	257-842-9	52315-07-8	<1	Xn; R20/22 Xi; R37 N; R50/53	Acute Tox.4 -H302; Acute Tox. 4-H332 STOT SE3-H335; Aqua Acute 1-H400 Aquatic Chronic 1 - H410
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES

4 FIRST AID MEASURES

4.1 Description of first aid measures (Symptoms)

Inhalation
Skin Contact
Eye Contact
Ingestion
Additional Information

Discomfort may occur on inhalation of spray mist
Discomfort or mild irritation may occur
Irritation may occur
Irritation to throat and mouth may occur
Symptomatic treatment



4.2 Description of first aid measures (Actions)

Inhalation

Skin Contact
Eye Contact

Ingestion:

If affected, remove to fresh air, keep warm and at rest.
Obtain medical attention in severe cases.
Wash skin with soap and water. In severe cases obtain medical help.
In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists
Do not give anything by mouth to an unconscious person.
Wash out mouth with water and give copious amounts of water to drink.
Do not induce vomiting. Obtain medical advice if patient unwell.
Always launder contaminated clothing before re-use

Additional Information

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Product not flammable. Water spray, foam, dry powder or CO2 for surrounding fires.

5.2 Special hazards arising from the

Substance or mixture
Exposure hazards

The product is non combustible. If heated, irritating vapours may be formed.

5.3 Advice for fire-fighters

Special protective equipment for fire fighters

Full protective equipment including self-contained respiratory protection

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6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Small spills can be handled with a mop and water. Large spills should be contained with sawdust and disposed of under local authority regulations.
- 6.4 Reference to other sections** Not applicable
- 6.5 Additional Information** Spillages will prove slippery if product gets wet

7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid contact with eyes or skin. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep in original containers. Keep separate from food, feedstuffs, fertilisers and other sensitive materials.
- 7.3 Suitable packaging** Keep in original containers
- 7.3 Specific end use(s)** Keep tightly closed when not in use
Do not store below 5°C or above 30°C
Keep separate from food and feedstuffs.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

8.2 Exposure Controls

- Engineering measures Provide adequate ventilation.
- Respiratory Protection Not necessary under normal usage
- Hand Protection Wear protective gloves (Butyl rubber or Polyvinyl chloride)
- Eye Protection Wear safety goggles
- Skin Protection Wear suitable protective overalls

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form:	Liquid
Odour:	Odourless
Colour:	Colourless
Viscosity:	Not available
pH (Value):	6.8-7.5 approx
Density (g/ml):	1.003 approx
Boiling Point:	>100 deg C
Flash Point:	Not Applicable
Melting Point:	Not Applicable
Pour Point (Deg C):	Not Applicable
Auto Ignition Temp.	Not Applicable
Vapour Pressures:	Not Applicable
Solubility (water):	Dissolves
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable. Non flammable
Oxidising Props.	Not Applicable. Non oxidising.

9.2 Other information

No additional information available

10 STABILITY AND REACTIVITY

10.1 Reactivity	Not expected to be reactive.
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No polymerisation reaction expected
10.4 Conditions to avoid	Extremes of temperature and moisture (in storage) Avoid contact with acids and oxidising substances
10.5 Incompatible materials	Disinfectants Acids & oxidising agents
10.6 Hazardous decomposition products	Burning produces Oxides of Carbon

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity values

Route	Species	Test	Value	Units
No information	available			

Relevant effects for mixture

Effect	Route	Basis

11.2 Symptoms / Routes of exposure

Skin contact	May cause slight/mild irritation to sensitive skin with prolonged contact.
Eye Contact	May cause mild/temporary eye irritation.
Ingestion	May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.
Inhalation	Under normal use should not present a hazard Irritation to the respiratory system may occur in sensitive individuals.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Eco Toxicity values

Species	Test	Value	Units

12.2 Persistence and degradability No data available.

12.3 Bioaccumulative potential No bioaccumulation potential.

12.4 Mobility in soil Readily absorbed into soil

12.5 Results of PBT and vPvB assessment Does not contain PBT or vPvB substances.

12.6 Other Adverse Effects Negligible ecotoxicity.

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13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal

14 TRANSPORT INFORMATION

14.1 UN Number	3082
14.2 UN Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYPERMETHRIN)
14.3 Transport hazard class(es)	
ARD/RID :	Class 9
IMDG :	Proper shipping name 9
IATA :	Proper shipping name 9
14.4 Packing Group	3
14.5 Environmental hazards	
Environmental hazardous	
Marine pollutant	
14.6 Special precautions for user	Limited Quantities (LQ) :5L
EMS	F-A, S-F
Emergency Action Code	.3Z
Hazard No. (ADR)	90
Tunnel Restriction Code	(E)

15 REGULATORY INFORMATION

This preparation was classified in compliance with the following directions and regulations

Regulation (EC) No 1907/2006 (REACH) and amendments thereof up to and including Regulation (EU) No 453/2010. Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

None of the constituent ingredients are listed on the candidate list of Substances of Very High Concern for Authorization in accordance with Article 59(10) of the REACH Regulation.

other provisions

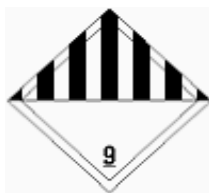
The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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15 REGULATORY INFORMATION (continued)

Transport Labels



Class 9: Miscellaneous dangerous substances and articles.

15.2 chemical safety assesment

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

16 OTHER INFORMATION

16.1 Phrases used in Sections 2 and 3

Hazard Statements

H302 Harmful if swallowed
H332 Harmful if inhaled
H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects
H400 very toxic to aquatic life.

Risk phrases

R20/22 Harmful by inhalation and if swallowed
R37 Irritating to respiratory system
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.2 Other information

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations
This company shall not be held liable for any damage resulting from handling or from contact with the above product.