

SAFETY DATA SHEET

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Date : 5 / 3 / 2013

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INSECTACLEAR C

HSE 8478

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

1.1. Product identifier

Trade name : INSECTACLEAR C
Formulation type : Liquid.

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

Use : Biocide
Type of product : Insecticide.
Users : Amateurs and professionals

1.3. Details of the supplier of the safety data sheet

Responsible for placing on the market : LODI UK
Pensnett Trading Estate 3rd Avenue
KINGSWINFORD - West Midlands DY6 7FD United Kingdom
Tel. 0044 (0)1384 404 242
Email contact: office@lodi-uk.com

1.4. Emergency telephone number

Emergency phone nr : NPIS (National Poison Centre) - Birmingham Unit
[To be called by medical staff or physicians]
City Hospital, Birmingham, B18 7QH, UK
Tel: 0844 892 011

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 1999/45
N; R50-53

2.2. Label elements

Labelling EC 1999/45

- Symbol(s)



- R Phrase(s) : N : Dangerous for the environment
: R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S Phrase(s) : S23 : Do not breathe the gas, fumes, vapours, spray.
: S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

2.3. Other hazards

Other hazards : Symptoms, see section 4

SECTION 3 Composition/information on ingredients

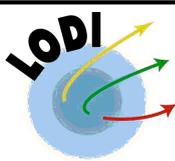
Hazardous component(s)

Components / Impurities : This product is hazardous.

Substance name	Contents	CAS No	EC No	Index No	Classification
Cypermethrin cis/trans +/- 40/60	:	52315-07-8	257-842-9	607-421-00-4	----- Xn: R20/22 Xi: R37 N: R50-53 (M fact. = 1000)

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SECTION 3 Composition/information on ingredients (continued)

Acute Tox. 4 (H332)
Acute Tox. 4 (H302)
STOT SE 3 (H335)
Aquatic Acute 1 (H400)

SECTION 4 First aid measures

4.1. Description of first aid measures

- Ingestion : Rinse mouth.
Call a physician.
- Inhalation : Assure fresh air breathing.
- Skin contact : Wash skin thoroughly with mild soap and water.
Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse immediately with plenty of water.
Seek medical attention if ill effect or irritation develops.

4.2. Most important symptoms and effects, both acute and delayed

- Ingestion : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.
- Inhalation : None.
- Skin contact : None.
- Eye contact : None.

4.3. Indication of any immediate medical attention and special treatment needed

- General information : Obtain medical attention.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : All known extinguishants can be used.

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products : None that are more toxic than the product itself.

5.3. Advice for fire-fighters

- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Equip cleanup crew with proper protection.
Gloves.

6.2. Environmental precautions

- Environmental precautions : Notify authorities if liquid enters sewers or public waters.
Prevent entry to sewers and public waters.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

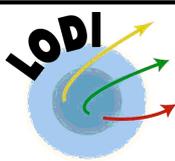
6.3. Methods and material for containment and cleaning up

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SECTION 6 Accidental release measures (continued)

- Clean up methods** : Sweep or shovel spills into appropriate container for disposal.
In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

6.4. Reference to other sections

See sections 8 and 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Handling** : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Precautions in handling and storage : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

- General** : Avoid all unnecessary exposure.
Storage : Store in dry, cool area.
Store in tightly closed packings.
Keep in original containers.

7.3. Specific end use(s)

See 1.2.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

- Occupational Exposure Limits** : None.

8.2. Exposure controls

- Personal protection**
- **Respiratory protection** : It is recommended to wear a respiratory protection to avoid breathing sprays. No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
 - **Hand protection** : Wear gloves.
 - **Skin protection** : Wear work clothing regularly washed
 - **Eye protection** : Where contact with eyes or skin is likely, wear suitable protection.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state at 20 °C** : Liquid.
Colour : White (Milk-like).
Odour : Barely perceptible.
pH value : 5.19
Flash point [°C] : > 62°C
Density : 1.00

9.2. Other information

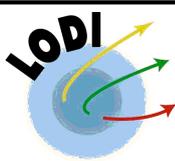
No additional data available

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SECTION 10 Stability and reactivity

10.1. Reactivity

See 10.4. and 10.5.

10.2. Chemical stability

Stability : Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : None under normal conditions.

10.5. Incompatible materials

Incompatible materials : None.

10.6. Hazardous decomposition products

Hazardous decomposition products : None.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Rat oral LD50 [mg/kg] : Cyperméthrine : 250 mg/Kg

Rabbit dermal LD50 [mg/kg] : Cyperméthrine : > 2000 mg/Kg

Dermal irritation (rabbit) : No data available.

Eyes irritation (rabbit) : No data available.

SECTION 12 Ecological information

12.1. Toxicity

96 Hour-LC50 - Rainbow trout : Cyperméthrine : 0.00015 mg/L

12.2. Persistence - degradability

Persistence - degradability : No data available.

Biodegradation [%] : No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available.

12.4. Mobility in soil

Mobility : No data available.

12.5. Results of PBT and vPvB assessment

On product : No data available.

12.6. Other adverse effects

Toxicity on terrestrial species : No data available.

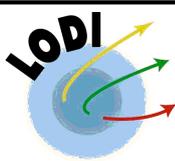
Toxicity on birds : No data available.

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SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

14.1. UN Number

UN No : 3082

14.2. UN proper shipping name

- Proper shipping name : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9 (9E), III, (E)

14.3. Transport hazard class

- ADR Class : 9

14.4. Packing group

- ADR Packing group : III

14.5. Environmental hazard

Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

14.6. Special precautions for user

H.I. nr : 90

ADR/RID : LQ 7
Combination packagings - Inner packaging : Maximum : 5 l
Combination packagings - Package : Maximum : 30 kg
Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Inner packaging : Maximum contents : 5 l
Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Package Maximum : 20 kg

SECTION 15 Regulatory information

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

ICPE (French regulation) : Non déterminé

R689/2008 ? : No

15.2. Chemical Safety Assessment

CSR not available

SECTION 16 Other information

List of relevant R phrases (heading 3) : 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.

Abbreviations

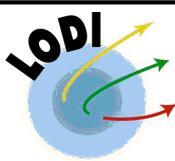
ADR : Accord européen relatif au transport des marchandises Dangereuses par Routes (French Regulation)

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SECTION 16 Other information (continued)

CE / EC	: Concentration Efficace / Effective Concentration
CL / LC	: Concentration Létale / Lethal Concentration
CSR	: Chemical Safety Report
DL	: Dose Létale (=Lethal Dose)
ICPE	: Installations Classées pour l'Environnement (French Regulation)
LQ	: Limited Quantity
NSA / NOS	: Non Spécifié par Ailleurs / Not Otherwise Specified
ONU / UN	: Organisation des Nations Unies / United Nations
RID	: Regulations concerning the International Carriage of Dangerous goods by rail (French regulation)
Use advice	
Precautions	: Use products safely. Before use, read the label and information concerning the product.
Further data	: Instruction for use and application rate, read technical data sheet and label.
Note	: This Safety Data Sheet has been established in accordance with the Regulation (EC) 1907/2006, Annex II.
Disclaimer of liability	: Before using this product for the first time or in any new process, a thorough material compatibility and safety study should be carried out. Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from the use of the product can be accepted.

The contents and format of this SDS are in accordance with REGULATION (EC) No 453/2010 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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End of document

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