

SAFETY DATA SHEET

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Revised edition no : 1

Date : 7 / 9 / 2011

Supersedes : 23 / 2 / 2011

INSECTO FLY AND WASP DESTROYER

INSECTO F&W DESTROYE

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

1.1. Product identifier

Trade name : INSECTO FLY AND WASP DESTROYER
Formulation type : Aerosol.

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

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

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: (+44) 121 507 4123

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 1999/45

F+; R12
N; R50-53

2.2. Label elements

Labelling EC 1999/45

- Symbol(s)



- R Phrase(s)

- S Phrase(s)

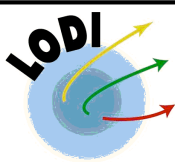
:
F+ : Extremely flammable
N : Dangerous for the environment
: R12 : Extremely flammable.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
: S2 : Keep out of the reach of children.
S23 : Do not breathe the gas, fumes, vapours, spray.
S46 : If swallowed seek medical advice immediately and show this container or label.
S51 : Use only in well-ventilated areas.
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

2.3. Other hazards

Other hazards : Symptoms, see section 4

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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
Piperonyl butoxide	: 0.25 to 2.5 %	51-03-6	-----	-----	N; R50-53 ----- Aquatic Acute 1 (H400)
Tetraméthrine	: 0.25 %	7696-12-0	231-711-6	-----	N; R50-53 (M fact. = 100) ----- Aquatic Acute 1 (H400)
Permethrin	: 0.25 %	52645-53-1	258-067-9	613-058-00-2	Xn; R20/22 R43 N; R50-53 (M fact. = 1000) ----- Acute Tox. 4 (H332) Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)
Acetone	: 1 to 20 %	67-64-1	200-662-2	606-001-00-8	F; R11 R66 R67 Xi; R36 ----- Flam. Liq. 2 (H225) Eye irrit 2 (H319) STOT SE 3 (H336) STOT RE (EUH066)
Butane n-	: > 50 %	106-97-8	203-448-7	601-004-00-0	F+; R12 ----- Flam. Gas 1 (H220)
Propan-2-ol	: 1 to 20 %	67-63-0	200-661-7	603-117-00-0	F; R11 R67 Xi; R36 ----- Flam. Liq. 2 (H225) Eye irrit 2 (H319) STOT SE 3 (H336)
Propane	: 2.5 to 10 %	74-98-6	200-827-9	601-003-00-5	F+; R12 ----- Flam. Gas 1 (H220)

SECTION 4 First aid measures

4.1. Description of first aid measures

- Ingestion : Rinse mouth.
Call a physician.
- Inhalation : Remove victim to fresh air.
Seek medical advice.
- 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 : Ingestion unlikely.
- Inhalation : Symptoms of overexposure to vapours include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision.
- Skin contact : None.
- Eye contact : Direct contact with the eyes is likely irritating.
Redness, pain.

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

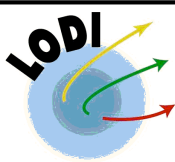
- General information : Contains permethrin. May produce an allergic reaction.

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SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam.
Carbon dioxide.
Dry powder.

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

- 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.
Keep away from sources of ignition - No Smoking.

7.2.

- General : No naked lights. No smoking.
- Storage : Store in dry, cool area.
Store in tightly closed packings.
Keep in original containers.

7.3. Specific end use(s)

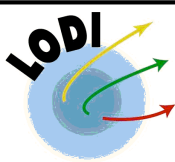
- See 1.2.

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SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits : Butane n- : TLV© -TWA [ppm] : 800
Butane n- : OEL (UK)-LTEL [ppm] : 600
Butane n- : OEL (UK)-STEL [ppm] : 750
Butane n- : MAK - Germany [ppm] : 1000
Propan-2-ol : OEL (UK)-LTEL [ppm] : 400
Propan-2-ol : OEL (UK)-STEL [ppm] : 500
Acetone : OEL (UK)-LTEL [ppm] : 500
Acetone : OEL (UK)-STEL [ppm] : 1500
Propane : TLV© -TWA [ppm] : 2500
Propane : MAK - Germany [ppm] : 1000
Butane n- : TLV© -TWA [ppm] : 800
Butane n- : OEL (UK)-LTEL [ppm] : 600
Butane n- : OEL (UK)-STEL [ppm] : 750
Butane n- : MAK - Germany [ppm] : 1000
Propan-2-ol : OEL (UK)-LTEL [ppm] : 400
Propan-2-ol : OEL (UK)-STEL [ppm] : 500
Acetone : OEL (UK)-LTEL [ppm] : 500
Acetone : OEL (UK)-STEL [ppm] : 1500
Propane : TLV© -TWA [ppm] : 2500
Propane : MAK - Germany [ppm] : 1000

Occupational Exposure Limits : None.

8.2. Exposure controls

Personal protection

- Respiratory protection : Suitable respiratory equipment.
- Hand protection : Wear gloves.
- Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use.
- 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 : Pressurised liquid
Colour : Yellow.
Odour : Lemon.
Flash point [°C] : <21°C
Density : <1

9.2. Other information

No additional data available

SECTION 10 Stability and reactivity

10.1. Reactivity

See 10.4. and 10.5.

10.2. Chemical stability

Stability : Stable under normal conditions

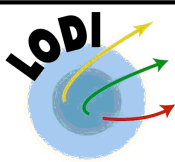
10.3. Possibility of hazardous reactions

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SECTION 10 Stability and reactivity (continued)

Hazardous reactions : In use, may form flammable/explosive vapour-air mixture.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Heat.
Sparks.
Open flame.
Direct sunlight.

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] : Permethrin: 554 mg/Kg
Tetramethrin: > 5000 mg/Kg

Rat dermal LD50 [mg/kg] : Permethrin: > 2000 mg/Kg
Tetramethrin: > 2000 mg/Kg

Eyes irritation (rabbit) : Not expected to be an irritant to eyes.

SECTION 12 Ecological information

12.1. Toxicity

48 H-LC50 - Daphnia magna [mg/l] : Permethrin: 0.0006 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.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

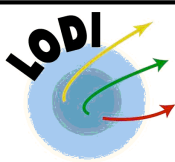
General : Dispose in a safe manner in accordance with local/national regulations.

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SECTION 14 Transport information

14.1. UN Number

UN No : 1950

14.2. UN proper shipping name

- Proper shipping name : UN1950 AEROSOLS (Permethrin , Propan-2-ol), 2.1 (9E), 5F, (D)

14.3. Transport hazard class

- ADR Class : 2

14.4. Packing group

- ADR Packing group : F

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 : --

ADR/RID : LQ 2

Combination packagings - Inner packaging : Maximum : 1 l

Combination packagings - Package : Maximum : 30 kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Inner packaging : Maximum contents : 1 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) : 1530

R689/2008 ? : No

15.2. Chemical Safety Assessment

CSR not available

SECTION 16 Other information

List of relevant R phrases (heading 3) : R11 : Highly flammable.
R12 : Extremely flammable.
R20/22 : Harmful by inhalation and if swallowed.
R36 : Irritating to eyes.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 : Repeated exposure may cause skin dryness or cracking.
R67 : Vapours may cause drowsiness and dizziness.

Abbreviations

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

CE / EC : Concentration Efficace / Effective Concentration

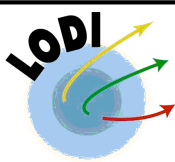
CL / LC : Concentration Létale / Lethal Concentration

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SECTION 16 Other information (continued)

CSR	: Chemical Safety Report
DL	: Installations Classées pour l'Environnement (French Regulation)
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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