

## SAFETY DATA SHEET

### SAFETY DATA SHEET Revised edition no: 1

Date : 7 / 9 / 2011

Supersedes: 23 / 2 / 2011

### INSECTO FLY AND WASP DESTROYER INSECTO F&W DESTROYER

#### 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)

:

F+: Extremely flammable

N: Dangerous for the environment

- R Phrase(s): R12: Extremely flammable.

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

- S Phrase(s): 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 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 clean-up 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 packing's.

Keep in original containers.

##### 7.3. Specific end use(s)

See 1.2.

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#### SECTION 8 Exposure controls/personal protections

##### 8.1. Control parameters

**Occupational Exposure Limits:** Butane n- : TLV<sup>©</sup> -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<sup>©</sup> -TWA [ppm] : 2500

Propane : MAK - Germany [ppm] : 1000

Butane n- : TLV<sup>©</sup> -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<sup>©</sup> -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 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 packaging's placed in shrink-wrapped or stretch-wrapped trays – Inner packaging: Maximum contents : 1 l

Inner packaging's 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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