



SAFETY DATA SHEET

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Revised edition no : 2

Date : 4/1/2007

Supersedes : 8/12/2006

FLASH DOSE**UK-FD**

N : Dangerous for the environment



Xi : Irritant

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

Trade name : FLASH DOSE
Type of product : Insecticide.
Use : Domestic.
Responsible for placing on the market : LODI UK LTD
Pensnett Trading Estate 3rd Avenue
West Midlands
DY6 7FD KINGSWINFORD United Kingdom
Emergency phone nr : NPIS 0121 5078 4123 Birmingham centre

2 COMPOSITION / INFORMATION ON INGREDIENTS

Components / Impurities : This product is hazardous.

Substance name	Contents	CAS No	EC No	Index No	Classification
Pyrethrins	1 to 25 %	8003-34-7	232-319-8	----	Xn; R20/21/22 N; R50-53
Piperonyl butoxide	1 to 25 %	51-03-6	----	----	N; R50-53
Alkylarylsulfonate de calcium	1 to 5 %	26264-06-2	----	----	Xi; R38-41

3 HAZARDS IDENTIFICATION

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

Symptoms relating to use

- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use. May cause sensitization by skin contact.
- **Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4 FIRST AID MEASURES

First aid measures

- **Inhalation** : Assure fresh air breathing.
- **Skin contact** : Wash skin thoroughly with mild soap and water.
- **Eye contact** : Rinse immediately with plenty of water.
- **Ingestion** : Rinse mouth. Obtain medical attention.

5 FIRE-FIGHTING MEASURES

Specific hazards : Under fire conditions, hazardous fumes will be present.

Prevention : No naked lights. No smoking.

Extinguishing media : All extinguishing media can be used.

Surrounding fires : Use water spray or fog for cooling exposed containers.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

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5 FIRE-FIGHTING MEASURES (continued)

Special procedures : Avoid (reject) fire-fighting water to enter environment.
Exercise caution when fighting any chemical fire.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear recommended personal protective equipment. Equip cleanup crew with proper protection.

Environmental precautions : Prevent entry to sewers and public waters. Toxic to aquatic life. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7 HANDLING AND STORAGE

General : Avoid all unnecessary exposure.

Storage : Store in tightly closed, properly ventilated containers away from heat, sparks, open flame.

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Skin protection** : No special protection required where adequate ventilation is maintained.
- **Ingestion** : When using, do not eat, drink or smoke.
- **Others** : Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation. Ventilate area.

Industrial hygiene : Ensure prompt removal from eyes, skin and clothing.

Exposure controls : Avoid discharge to the environment.
This product contains hazardous components for the aquatic environment.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Liquid.

Colour : Yellow.

Odour : Characteristic.

Density : 0.845

Viscosity : >7mm²/sec

Solubility in water [vol/vol] : In water, the material disperses.

Flash point [°C] : 80

10 STABILITY AND REACTIVITY

Hazardous decomposition products : None under normal conditions.

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.



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11 TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : >2000 mg/kg
Percutaneous (rat) LD50 [mg/kg] : >4000 mg/kg
Rat inhalation LC50 [mg/l/4h] : >5 mg/l
Dermal irritation (rabbit) : no
Eyes irritation (rabbit) : no
Sensitization : May cause a sensitization.

12 ECOLOGICAL INFORMATION

96 H-LC50 - Bluegill sunfish [mg/l] : 0.010
96 H-LC50 - Rainbow trout [mg/l] : 0.0052
48 H-LC50 - Daphnia magna [mg/l] : 0.012
On ingredients

13 DISPOSAL CONSIDERATIONS

General : Hazardous waste due to toxicity.
Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

14 TRANSPORT INFORMATION

Shipping name : UN3082 MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A., 9, III (pyrethrins)
UN No. : 3082
H.I. nr : 90
ADR/RID : Class : 9
Group : III
- Proper shipping name : UN3082 MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A., 9, III (pyrethrins)

15 REGULATORY INFORMATION

- Symbol(s) : Xi : Irritant
N : Dangerous for the environment
- R Phrase(s) : R43 : May cause sensitization by skin contact.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S Phrase(s) : S23 : Do not breathe spray.
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

16 OTHER INFORMATION

Recommended uses and restrictions : See product bulletin for detailed information.
List of relevant R phrases (heading 2) : R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Revision : Revision - See : *
Print date : 4/1/2007
Further information : None.

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16 OTHER INFORMATION (continued)

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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