

Actibiol Flow**1. Identification of the preparation and the company.**

Product name
ACTIBIOL FLOW HSE No:7928

Intended use: Insecticide against flying and crawling insects
Company name:

LODI UK Limited
Building 69,
Third Avenue,
Pensnett Trading Estate,
Kingswinford,
West Midlands,
DY6 7FD

2. Composition and information on ingredients

Name	Conc.	CAS No	R-Phrases	Symbol
Alfa-cipermetrin	55 g/l	67375-30-8	R25, R37, R48/22 R50/53	T,N

3. Product Hazards Identification

This preparation is regulated according to 67/548/EEC and 1999/45/EC European Directives, their adaptations and annexes. This product requires a safety data sheet according to the 91/155/EC regulation and subsequent amendments.

3.1. Hazard Symbol:

Dangerous for the environment (N)

3.2. R- phrases:

R 51/53. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures**4.1. Poisoning symptoms**

Eyes, skin and mucous membranes irritation. Irritation of the respiratory, gastrointestinal and urinary tract.

Dizziness, migraine, mouth paresthesias. Metahemoglobin.

4.2. First Aid measures

Remove victim from the contaminated area.

Remove immediately contaminated clothing

Flood eyes with plenty of water for at least 15 minutes.

Skin should be washed off with plenty of water and soap. Do not scrub the skin.

Do not give anything orally.

If swallowed and the subject is conscious: provoke vomit.

Subject should be resting. Corporal temperature must be observed.

Respiration should be controlled, if necessary apply artificial respiration.

If the person is unconscious, lay the person on his/her side with the head in a lower position than the rest of the body, flexing knees to a half position.

Immediately get medical attention and show the label or the container where possible.

DO NOT LEAVE THE SUBJECT ALONE.

Actibiol Flow4.3. Notes to a Physician

If ingested, perform gastric decontamination depending on the stage of conscience. Administer a water solution of activated charcoal and a saline cathartic (sodium sulfathe).

In case of methaemoglobinem, methylene blue solution at 1% should be administered.

Symptomatically treatment.

IN CASE OF POSOINING CALL TO POISON AND HAZARDOUS CHEMICALS NATIONAL INFORMATION CENTRE.

5. Fire fighting measures

Fire should be extinguished by using foam, dust, water spray, carbon dioxide.

ACTIBIOL FLOW is not flammable

Do not use jets of water to extinguish fire, only for refreshing and packages next to the source of heat.

Do not breathe fumes. Use masks with filters for organic products or for automatic equipments in closed areas.

6. Accidental release measures

Personal precautions: Manipulate in accordance with industrial hygiene cautions and taking into account the security practices. If possible avoid contact with the skin and eyes

Methods for cleaning up: Collect in containers; collect the rest in absorbent material and eliminate according to the regional regulations.

Clean up affected area with plenty of water. Eliminate the used water according to the regional regulations in force.

7. Handling and storage7.1. Handling

Read carefully the label before use.

Avoid the contact with eyes and skin.

Unprotected persons and animals should be kept away from treated areas until surfaces are dry.

Protective measures towards these kind of products should be used.

7.2. Storage

This material and its container must be disposed of in a safe way.

Keep away from sun exposure, in a cool place, in a well-ventilated place.

Store away from sources of ignition

Store in the original container tightly closed.

Actibiol Flow**8. Exposure controls / Personal protection**8.1. Exposure limits

VLA-ED: 5 mg/m³

8.2. Personal protective equipment.

Wear suitable protecting clothing and gloves.

Wash hands with plenty of water and soap.

Do not drink, eat or smoke at the work site.

9. Physical and Chemical Properties

Colour: White

Physical state: Thick liquid

Odour: Slight Odour.

Density: 0.92 g/ml

Stability Stable under ambient conditions

Solubility in water: Suspensions

Solubility in organic solvents Soluble in some organic solvents

10. Stability and Reactivity10.1. Stability

The product is stable under normal storage conditions of use

10.2. Hazardous decomposition products

Toxic products may be produced by thermal decomposition as a result, in case of fire or combustion do not breath fumes produced.

10.3. Conditions to avoid.

Avoid contact with oxidizing agents, acids and mild alkalis

11. Toxicological Information

- DL 50 rats (oral): < 7000 mg/kg
- DL 50 rats (dermal): >35000mg/kg
- CL 50 rats (inhalation): > 5.79 mg/l (4h)

12. Ecological information12.1. Avoid contact with fluvial water.12.2. Persistence/Degradability

Product is highly degraded by the biochemical action of the soil.

Persistence time may vary depending on the chemical and physical characteristics of the soil.

12.3. Bio-accumulation:

There is nothing indicating bioaccumulation of the product.

12.4. Aquatic toxicity

Toxic to fishes.

Actibiol Flow12.5. Toxicity to birds:

LD 50 mallard ducks > 10000 mg/kg

12.6. Toxicity in bees.

Toxic to bees.

13. Disposal considerations

The disposal of large quantity should be carried out by accredited companies. Product remains and its containers are disposed in a responsible way for the environment.

Avoid spillage next to the rivers, seas, lakes, wells or drains.

The washing water should be recovered and neutralized.

14. Transport information

Transport by Road. ADR/RID

Number ONU: 3082

Transport: Liquid Substance potentially dangerous for the environment nep. (Aphacypermethin)

Class ADR/RID: 9

Package group: III

Label 9

Further information: N° danger 90

15. Regulatory Information

This preparation is concerned by European laws, it is labelled according to 99/45/EC Directive.



Symbol: Dangerous for the environment (N)

Risk Phrases:

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S 2: Keep out of reach of children.

S 13: Keep away from food, drink and animal feed stuffs.

S 23: Do not breathe vapour

S35 This material and its container must be disposed of in a safe way.

S 36/37: Wear suitable protective clothing and gloves.

S 45: In case of accident or if you feel unwell, seek medical advice immediately and show the label where possible.

S 60: This material and/or its container must be disposed of as hazardous waste.

16. Other information.

The information contained in the safety data sheet is correct to the best of our knowledge and it relates only to the provided product. This Safety Data Sheet does not substitute either to the summary of the product characteristics or the regulations in force. As a result, an inappropriate or improper use is only a responsibility of the user.