

1. Identification **OXYFLY**

Substance No. FAB040

Issue Date 4-May-2004

Issue 1

Product Information

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Other Ref 1101936, 1101937, 1101938
Container 250ml, 500ml and 1000ml polyethylene bottles
Uses Insecticide for professional use
Description Cream coloured liquid

2. Information on ingredients

lambda-cyhalothrin : CAS 91465-08-6 : T+, N : R21, R25, R26, R50/53 : 10.0% w/v
 solvent naphtha : CAS 64742-95-6 : Xn, N : R10, R37, R51/53, R65, R66, R67 : <10.0% w/v
 propane-1, 2-diol : CAS 57-55-6 : <10.0% w/v

3. Hazards identification

Harmful by inhalation. Mildly irritating to the eyes.
 Slightly irritating to the skin. May cause tingling/numbness in exposed areas (paresthesia)
 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment



Harmful



Dangerous for the environment

4. First aid procedures

INGEST

NEVER make an unconscious person sick or give them anything to drink.

If discomfort persists, SEEK MEDICAL ADVICE.

RESP

Remove to fresh air from exposure. Keep patient warm, calm and still. If recovery is not rapid or complete SEEK MEDICAL ADVICE.

EYES

Flush copiously for at least 15 minutes, holding the eye open. Remember to remove contact lenses. If irritation or discomfort persists, SEEK MEDICAL ADVICE.

SKIN

Remove contaminated clothing and wash/drench effected area with water. If recovery is not rapid or complete SEEK MEDICAL ADVICE.

Note to physician

No specific antidote is known. Symptomatic treatment is recommended.

5. Fire fighting measures

Extinguish fires with foam, dry powder, CO₂ or water (do not use water jet).

Thermal decomposition may result in toxic fumes.

Wear self contained breathing apparatus.

Do not allow to enter soil, drains or other water courses.

6. Accidental release measures

Contain and absorb with sand, earth or mineral absorbent. Place into a suitable container for disposal.

Do not allow to enter soil, drains or other water courses.

Disposal to be in accordance with Local and National Regulations.

7. Handling and storage

Read label thoroughly before use.

Avoid breathing vapours or spray mist. Store in the original container, tightly closed, under normal warehouse conditions [-15deg C]

Avoid contact with skin, eyes and clothing.

Wear appropriate protective clothing and gloves.

Keep away from food, drink and animal feeding stuffs.

Wash hands/exposed skin after work/before eating, drinking or smoking.

8. Exposure controls

Occupational exposure limits

Propane-1, 2-diol 8hr TWA 150ppm, 470mg/m³ (vapour). 8hr TWA 10mg/m³ (particulates)

Lambda-cyhalothrin 8hr TWA 0.04mg/m³ (can be absorbed through the skin)

Hydrocarbon solvents 8hr TWA 100mg/m³ (suppliers calculation)

Wear suitable protective overalls, eye/face protection and suitable gloves (conforming to EN166). If exposure to high levels of material is likely, suitable respiratory protective equipment should be worn.

Wash hands/exposed skin after work/before eating or drinking.

9. Physical description

Cream coloured liquid.

Miscible with water.

pH value (neat) 5 - 8

10. Stability and reactivity

Stable under normal conditions.

Toxic / noxious fumes may be evolved in the event of a fire.

11. Toxicological information

Acute toxicity

Oral LD₅₀ (rat) >5000mg/kg

Dermal LD₅₀ (rat) >4000mg/kg

Inhalation LC₅₀ (rat) >4.62mg/l

Skin irritancy : slight (rabbit)

Eye irritancy : mild (rabbit)

Sensitization : weak sensitizer in animal tests (Buehler)

12. Ecological information

Toxicity to fish (rainbow trout) LC₅₀ 0.004mg/l (96hr)

Toxicity to daphnia (water flea) EC₅₀ 0.004mg/l (48hr)

Toxicity to algae (green algae) EbC₅₀ >10mg/l (96hr)

13. Disposal considerations

Empty container completely and dispose of safely.

Disposal to be in accordance with Local and National Regulations.

14. Transport Information

LAND TRANSPORT :

UN Number : 3082

ADR Class : 9

Packing Group : III

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS,
LAMBDA-CYHALOTHRIN MIXTURE

SEA TRANSPORT :

UN Number : 3082

Class : 9

Packing Group : III

Marine Pollutant : Yes

*Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS,
(LAMBDA-CYHALOTHRIN 10% and SUBSTITUTED BENZENOID HYDROCARBONS, MARINE POLLUTANT)*

AIR TRANSPORT :

UN Number : 3082

Class : 9

Packing Group : III

*Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS,
(LAMBDA-CYHALOTHRIN 10% and SUBSTITUTED BENZENOID HYDROCARBONS)*

15. Regulatory information

R20 : Harmful by inhalation.

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 : Keep out of reach of children.

S13 : Keep away from food, drink and animal feeding stuffs.

S20/21 : When using do not eat, drink or smoke

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

S57 : Use appropriate containment to avoid environmental contamination

16. Comments

This data sheet does NOT constitute a user's assessment of workplace risk under any Health and Safety Legislation.

This information is based upon our current knowledge and is intended only to describe for the purposes of Health, Safety and the Environment. It must not be construed as guaranteeing any specific property of the substance.