

ACTERLLIC 50 EC

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: ACTELIC 50 EC
SUPPLIER: ZENECA Agrochemicals
Address: Private Bag X8
2052 GALLO MANOR
Phone No.: 011 806 6500

IN CASE OF POISONING OR ENVIRONMENTAL POLLUTION CONTACT
DR H.O. FOURIE (24 HOURS) PHONE (0441) 74-1111 CODE 8062.

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION

An organophosphorus insecticide.
An emulsifiable concentrate.

HAZARDOUS INGREDIENT(S)	CAS No.	g/l
Pirimiphos-methyl	029232-93-7	500

3. HAZARD IDENTIFICATION

Irritating to eyes and skin.

A cholinesterase inhibitor. Do not use if under medical advice not to work with such compounds. Flammable. Toxic to fish.

4. FIRST-AID MEASURES

KEEP STRICTLY AT REST AS CONTINUED MOVEMENT ENHANCES THE EFFECTS OF CHOLINESTERASE INHIBITION.

Inhalation	: Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.
Skin contact	: Take off immediately all contaminated clothing. Wash skin immediately with cold water, followed by soap and water.
Eye Contact	: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain medical attention.
Ingestion	: If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible. DO NOT induce vomiting.

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ACTERLLIC 50 EC**Further Medical Treatment**

Atropine is the specific antidote and may be given immediately by qualified staff, at a level of 2 -5 mg (intramuscularly) every 20 minutes until atropinization occurs. Considerable amounts of atropine may be necessary. Atropine **MUST NOT** be given to cyanosed patients; administer oxygen first. **DO NOT** use opiates or barbiturates. If convulsions occur, administer diazepam (10 mg intravenously). Take 10 ml of venous blood for determination of blood cholinesterase activity. Cholinesterase reactivators (Pralidoxime) should, if possible, be given at the same time as atropine. They are not effective after 24 hours post exposure and are not substitutes for atropine.

Doses.**Pralidoxime:**

Mild poisoning: 1g in 2-3 ml water. (intramuscularly)

Severe poisoning: 2g in 30 ml water. (intravenously)

Observe patient closely for at least 24 hours to ensure that symptoms (sweating, visual disturbances, vomiting, diarrhoea, chest and abdominal distress and sometimes pulmonary oedema) do not reoccur as atropinization wears off.

5. FIRE-FIGHTING MEASURES

Flammable. Keep fire exposed containers cool by spraying with water.

Extinguishing Media:

For small fires, use foam, carbon dioxide, dry powder or halon extinguishant. For large fires, use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

Fire Fighting Protective Equipment :

A self contained breathing apparatus and suitable protective clothing must be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Ensure suitable personal protection during removal of spillage. This means wearing a dust mask that gives protection against organic vapours, eye protection, chemically resistant gloves, boots and coveralls. Adsorb spillage onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Spillage or uncontrolled discharges into water courses must be alerted to the Department of Water Affairs/Environment.

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ACTERLLIC 50 EC**7. HANDLING AND STORAGE****7.1 HANDLING**

Read the label before use.

Avoid contact with skin and eyes. When using do not eat, drink or smoke.

Wash face and hands before eating, drinking or smoking.

7.2 STORAGE

Store under lock and key. Keep in original container, tightly sealed.

Store in a cool, dry place away from sources of heat and naked flames.

Store away from farm feeds and food stuff.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

When using this product refer to label for details.

Nitrile rubber gloves and eye protection (goggles or face shield) and a suitable dust mask must be worn when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid.
Colour	: brown.
Odour	: Slight specific odour.
Density	: 1,02 - 1,04 g/ml
Flash point	: > 38 °C.
Solubility	: miscible in water.

Auto Ignition Temp. : not available.

10. STABILITY AND REACTIVITY.

Hazardous decomposition Product(s) :

Combustion or thermal decomposition will evolve corrosive, toxic and irritant vapours.

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ACTERLLIC 50 EC**11. TOXICOLOGICAL INFORMATION**

Inhalation	: Unlikely to cause harmful effects under normal conditions of handling and use.
Skin contact	: Moderate irritant to rat skin. It is not a strong skin sensitiser in animal tests. Acute Dermal LD ₅₀ : > 2 000 mg/kg (rat)
Eye contact	: Moderate irritant to rabbit eyes.
Ingestion	: Low oral toxicity. Acute Oral LD ₅₀ : > 2 440 mg/kg (rat)

12. ECOLOGICAL INFORMATION

This ecological assessment is calculated from data available on the components of the formulation. Very toxic to aquatic organisms. LC₅₀ (rainbow trout)(96 hours): 1,28 mg/l

13. DISPOSAL CONSIDERATIONS

Do not contaminate rivers, dams or any other water source with the chemical or used containers. Destroy empty containers by perforation and flattening. Bury in an approved dumping site. Do not re-use for any other purpose.

14. TRANSPORT INFORMATION

UN NUMBER	: 1993
Un Pack. Group	: .III
AIR	
ICIA/IATA Class	
- Primary	: 3 FLAMMABLE LIQUID
SEA	
IMDG Class	
- Primary	: 3.3 FLAMMABLE LIQUIDS
P.S.N	: FLAMMABLE LIQUIDS, N.O.S. (contains substitute hydrocarbons and pirimiphos-methyl 50%)
ROAD/RAIL	TREMCARD 1

15. REGULATORY INFORMATION

Danger Group III (SABS 0028-1990)

16. OTHER INFORMATION

Use : A broad spectrum insecticide. ACTELLIC is the property of a ZENECA group company. Read the label before you buy: use pesticides safely.

All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors or omissions or the consequence thereof.

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