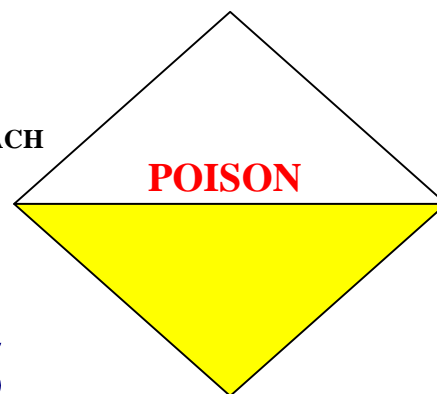


KEEP OUT OF THE REACH
OF CHILDREN



 **DE-NOCIL**
NURELLE[®] D 505

**CHLORPYRIFOS 50 % EC +
CYPERMETHRIN 5 % EC**

CHEMICAL COMPOSITION

| | |
|---|--------------|
| Chlorpyrifos a.i | 50.0 % w/w |
| Cypermethrin a.i | 5.0 % w/w |
| Emulsifier A: Blend of calcium salt of alkyl benzene Sulphonic acid and polyethanoxy ether of nonyl phenol | 5.6 % w/w |
| Emulsifier B: Blend of calcium salt of alkyl benzene Sulphonic acid and polyethanoxy propoxy ether of fatty alcohol | 2.4 % w/w |
| Solvent (Aromax) | q.s |
| Total | <u>100 %</u> |

RECOMMENDATIONS FOR USE: It is a broad spectrum insecticide for the control of cotton bollworms, including *Helicoverpa armigera*.

Read Enclosed Leaflet Carefully Before Use

Manufactured by:



Ist Floor, Unit No. 1, Corporate Park, V.N. Purav Marg
Chembur, Mumbai - 400 071.

Factory: A-1, MIDC, Lote Parshuram, Khed Taluka
Ratnagiri Dist. Maharashtra - 415 722.

Contents: 100 ml 250 ml 500 ml 1 L 5 L

Regn. No. CIR-26,393/97/Chlorpyrifos + Cypermethrin (EC)-7

Licence No. 0403/0001/M/D/ dt. 10/07/1981

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DIRECTIONS FOR USE:

When used as per the recommendations given below, **Chlorpyrifos 50 % EC + Cypermethrin 5 % EC** gives excellent control of lepidopterous insects attacking cotton.

| Crop | Common name of the pest | Dosage per ha | | | Waiting period from last application to harvest (in days) |
|--------|--|---------------|-------------------|--------------------------|---|
| | | a.i (gm) | Formulation (Lt.) | Dilution in water (Lt.)* | |
| Cotton | American Bollworm Spotted bollworm Pink bollworm <i>Spodoptera litura</i> Aphid Jassids Thrips Whitefly | 500:50 | 1.0 | 500 - 1000 | 15 |

PLANT PROTECTION EQUIPMENT:

As a high volume spray use

- Knapsack sprayer
- Foot or rocker sprayers

As low volume spray, use

- Motorized mist blowers

PRECAUTIONS:

- **Avoid** contact with eyes, skin and clothing
- **Avoid** inhalation of spray mist
- **Do not** mix with bare hands
- **Wear** protective clothing such as apron, gloves, face mask and boots during application and handling of the pesticide.
- **Do not** eat, drink, chew tobacco or smoke during application.
- **Bathe or shower** after spraying and change to clean clothes.
- Toxic to bees and hence avoid spraying cotton plants during high bee activity
- Inflammable. Store away from heat and fire

SYMPTOM OF POISONING:

- Acute poisoning will be manifest as typical symptoms of OP insecticide poisoning, as chlorpyrifos is present at ten fold higher concentration than cypermethrin.
- The signs of symptoms are any combination of dizziness, headache, pin point pupils, blurred vision, stomach pain, excessive sweating, salivation, nausea and muscle twitching. The symptoms of poisoning with cypermethrin include trembling, ataxia, poor muscular co-ordination, allergies, localized skin effects (itching, coldness, numbness *etc.*).

FIRST AID MEASURES:

Ingestion: If swallowed, do not induce vomiting. Call a physician and/or transport the patient to an emergency facility immediately.

Skin Contamination: In case of contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing.

Eye contamination: Flush immediately with water for 15 minutes.

Inhalation: Remove the affected person to fresh air and obtain medical attention if there is any respiratory distress.

ANTIDOTE:

- Inject atropine sulphate 2 to 4 mg and repeat every 5-10 minutes till fully atropinised.
- Administer 1-2 mg of 2-PAM dissolved in 10 cc of distilled water and inject intravenously, very slowly for 10-15 minutes.
- If lavage is performed endotracheal or oesophagosopic control is advisable.
- If necessary, give artificial respiration.
- Diagnosis can be confirmed by estimating cholinesterase activity of blood.

STORAGE:

- **Store in** original containers in a separate room or almirah
- **Store** away from food and feed stuffs under lock and key
- **Keep out of reach** of children and domestic animals or house-hold pets

- **Store** in a cool, dry, well built and well lit place of sufficient dimensions with good ventilation.

DISPOSAL OF EMPTY CONTAINERS:

- **Never re-use** the empty containers
- **Destroy and bury** in a safe place
- **Dispose off** packages or surplus material in a safe manner to prevent environmental and water pollution.