



## Technical Data Bulletin

### CORSBAN 480 EC

#### 1. General Information:

Organophorous compound, insecticide, acaricide.  
Brown liquid with slight mercaptanic odour.

**CORSBAN 480EC** is the trade name for a non-systemic organophosphorous insecticide containing 480 g/l Chlorpyrifos as active ingredient in an EC formulation. It has contact, stomach and vapor action working as a cholinesterase inhibitor.

#### 2. Physical data:

Density : 1.0428 Kg/l at 25°C

#### 3. Toxicity and hazards:

Cholinesterase (Ch.E) inhibitor. Flammable. It decomposes rapidly under heating/ fire conditions ( above 160°C ) releasing toxic, flammable and irritating gases MAC value 0.2 mg/m<sup>3</sup> LD50 = 135 - 163 mg/Kg ( Oral, Rat ).

#### 4. Protective measures:

Use overall, neoprene gloves and eye protection. When handling exposed material also use disposable overall and a full face - mask or an air hood. Have Ch. E. Test once a week on the second or third work day when working with this material for a week or more. For a period less than one week have Ch. E test before and after completion of the work schedule.

#### 5. First aid

Eye contact: Rinse immediately with a lot of water for 15 minutes

Skin contact: Wash with a lot of water and soap

Inhalation: Remove to fresh air and rest

Ingestion: Drink a lot of water with activated charcoal.

In all cases seek immediate help of a physician and have Ch. E. test. The recommended Antidote is Atropine.



6. **Storage**

Store in a cool, dry, fire free area with adequate ventilation.

7. **Uses:**

**CORSBAN 480EC** is used to control a wide range of insect pests including members of the families Coleoptera, Diptera, Homoptera and Lepidoptera in soil and foliage in a number of crops such as Tomatoes, Potatoes, Egg Plant, Peppers, Apples, Pear, Citrus trees, Fodder crops and Ornamentals.

8. **Dosage Rate:**

**CORSBAN 480EC** is applied at different rates depending on the target pest and crop as follows:

Crops	Pests	Rate of use	PHI
<b>Vegetables:</b> Tomato, beans, peas and potatoes.	Aphids, thrips, Caterpillars and potato cut worm	75-150 ml/hl	15 days
<b>Fruit trees:</b> Stone fruits, apples and grapes.	Scale Insects Leaf miners, mealy bugs, caterpillars and grape moth.	50-125 ml/hl	28 days
<b>Citrus:</b> Oranges and lemon	Scale insects, aphid and mites.	75-125 ml/hl	28 days
<b>Field Crops:</b> Wheat barley and alfalfa	Aphids thrips and caterpillars	0.5-1.0 L/H	28 days

9. **Application Methods:**

**CORSBAN 480EC** is applied by boom sprayers, knapsack sprayers or through the irrigation system.

10. **Compatibility:**

**CORSBAN 480 EC** can be mixed with a number of insecticides such as Dimethoate, Lindane, Dichlorvos and Primicarb. However, it is incompatible with alkaline materials.