

Emamectin Benzoate

Emamectin Benzoate 90%Tech.,50-70% Tech.,1%EC,1.5%EC,1.9%EC

Common Name:Emamectin Benzoate

Chemical Name:4"-epi-methylamino-4"deoxyavermectin B1 benzoate

CAS Registration No.:137512-74-4

Specification:

Active Ingredients:

Technical material: Not less than 50-70% Tech,Not less than90% Tech ;

Aqueous solution: 1%EC,1.5EC,1.9%EC;

Physio-chemical Properties:white or faint yellow crystal powder, dissolves in acetone, methanol, ethanol and other organic solvents.

Melting Point: 141-146 degree centigrade

Solubility: It is of the thermal stability under usual storage condition, unstable to light and unstable under conditions of strong acid and alkali.

Toxicity Status: The product is classified as medium toxic, its preparation as slight toxic or low toxic. Its is acutely toxic during big rat taking 92. 6mg/kg orally (LD50)and 2150mg/kg on skin(LD50). Results of Ames test for causing mutation, micronucleus test, and little mouse sperm malformation test all are negative. The original chemical is non-irritating for rabbit skin, but slightly irritating rabbit eyes.

Used for crops:The chemical is used for cabbage, Chinese cabbage, turnip, and other vegetables;soybean, cotton, tea, tobacco and other crops;and fruit trees.

Usage method:Apply the chemical in hatching heyday and period of larva. Amount of used effective ingredients is 1.5-3.0 grams/hectare.

Points for attention:

- (1) During application of the chemical, pay attention to labor protection, such as, wear breathing mask, put on gloves and wear isolation dress.
- (2)The chemical is highly toxic to fish. Avoid polluting water source and pool etc.
- (3)The chemical is toxic to bee. Don't apply it in blooming time.
- (4)Stored in cool and dry place.
- (5)Useful life: At least two years.

Packaging:

Emamectin Benzoate Tech: 1kg/aluminum barrel; 5kg/aluminum barrel or on the clients' requirements.

Aqueous solution: 200l/drum or according to clients' requirements.