AVID 0.15 EC MITICIDE/INSECTICIDE
Novartis Crop Protection, Inc
Post Office Box 18300
Greenboro, NC 27419
In Case of Emergency, Call Novartis: 1-800-332-3572
CHEMTREC: 1-800-424-9300

1. CHEMICAL IDENTIFICATION
Product Name: AVID 0.15 EC MITICIDE/INSECTICIDE
Product No.: A-8612 A
EPA Signal Word: Warning
Active Ingredient(%): Abamectin (1.9%)
CAS No.: Mixture
Chemical Name: A mixture of avermectins containing primarily Avermectin B1a and Avermectin B1b
Chemical Class: Glycocide Insecticide

2. COMPOSITION/INFORMATION ON INGREDIENTS
CAS No.: Mixture
Active Ingredient(%): Abamectin (1.9%)
EPA Signal Word: Warning
CHEMTREC: 1-800-424-9300
Greensboro, NC 27419

MITICIDE/INSECTICIDE
AVID 0.15 EC

3. HAZARDS IDENTIFICATION
Notes to Physician
There is no specific antidote if this product is ingested.
Treat symptomatically.

Treatment: If poisoned, it is imperative that medical care be sought immediately. Treat symptomatically. Medical Condition Likely to be Aggravated by Exposure includes individuals with allergy history or pre-existing dermatitis.

4. FIRST AID MEASURES
If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest Poison Control Center. Tell the physician that you have contacted the compound product name, and the type and amount of exposure. Describe any symptoms and follow the advice given. Ingestion: DO NOT INDUCE VOMITING. If victim is fully conscious, give a large quantity of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES
Fire and Explosion
Flash Point (Test Method): 161 °F
Flammable Limits: (% in Air): Lower: %; Upper: %
Autoignition Temperature: Not Available
Flammability: Not Applicable
Unusual Fire, Explosion and Reactivity Hazards
Thermal decomposition products may include, but are not limited to, Carbon Monoxide and Carbon Dioxide.
This product is a NFPA Class IIIA Combustible Liquid.
In Case of Fire:
Use dry chemical, foam, or CO2 extinguishing agents.

6. ACCIDENTAL RELEASE MEASURES
In Case of Spill or Leak
Wear chemical goggles or a full-face shield, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering, and a NIOSH-approved chemical cartridge respirator with organic vapor cartridges and dust/mist pre-cartridges or a self-contained breathing apparatus (SCBA). For small spills, cover with an absorbent material such as pet litter. Sweep up, and place in an approved chemical container.

7. HANDLING AND STORAGE
Store the material in a well-ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION
RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:
Ingestion: Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Straw to Rust Colored Liquid
Odor: None Available
Flammable Limits: (% in Air): Lower: %; Upper: %
Autoignition Temperature: Not Available
Flammability: Not Applicable

10. STABILITY AND REACTIVITY
Reactivity: Stable
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None Known
Hazardous Decomposition Products: None Known

11. TOXICOLOGICAL INFORMATION
Acute Toxicity/Inhalation Studies
Inhalation: moderately toxic
Oral LD50 (Rat): 300 mg/kg body weight
Dermal: slightly toxic
Dermal LD50 (Rabbit): > 1,800 mg/kg body weight
Inhalation toxicity: slightly toxic
Inhalation LC50 (Rabbit): 3.5 mg/l air - 4 hours
Eye Contact: moderately irritating (Rabbit)
Skin Contact: Not Available
Skin Sensitization: sensitizing (Guinea Pig)

12. ECOLOGICAL INFORMATION
Summary of Effects
Abamectin: Highly toxic to aquatic organisms. Not biodegradable in fish.
Ecotoxicity: Rainbow Trout 96-hour LC50 3.6 ppb
Bluegill Sunfish 96-hour LC50 9.6 ppb
Daphnia magna 48-hour LC50 0.34 ppb
Bobwhite 8-day Dietary LC50 3.102 ppm
Mytilus Spartum 48 HR LC50 0.022 ppb
Mallard 5-day Dietary LC50 383 ppm

Environmental Fate
Abamectin: Photodegrades rapidly in the environment and is metabolized in the soil. Water solubility is limited and material binds to soil tightly and is not taken up from soil to plants. Rapid degradation in the environment with no accumulation and persistence.
13. DISPOSAL CONSIDERATION

Disposal:
Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.
Characteristic Waste: Not Applicable
Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification:
Bulk: Pesticides, Liquid, Toxic, N.O.S., (Abamectin Solution), 6.1, UN2902, PGIII 4 X 1 Qt or less: Consumer Commodity, ORM-D
B1 Freight Classification
Insecticides or Fungicides; Agricultural, N.O.S.
International Transportation
Pesticides, Liquid, Toxic, N.O.S., (Abamectin Solution), Class 6.1, UN2902, PGIII

15. REGULATORY INFORMATION

SARA Title III Classification
Section 311/312: Acute Health Hazard
Chronic Health Hazard
Fire Hazard
Section 313 chemical(s): Abamectin (1.9%) (CAS No. Mixture)
Proposition 65
Not Applicable
CERCLA Reportable Quantity (RO)
None
RCRA Classification
Not Applicable
TSCA Status
Exempt from TSCA

16. OTHER INFORMATION

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Questions concerning the safe handling of the product should be referred to: Industrial Health
1-800-334-9481
Issued Date: 4/15/91
Revised Date: 2/23/99
Supersedes: 2/8/99

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.
RSVP#: NCP-955-896A-00129H