

AWARD® II Fire Ant Bait

Date: 6/4/2015
 Replaces: 7/12/2014

1. PRODUCT IDENTIFICATION

Product identifier on label: **AWARD® II Fire Ant Bait**
 Product No.: A11887B
 Use: Insecticide
 Manufacturer: Syngenta Crop Protection, LLC
 Post Office Box 18300
 Greensboro NC 27419
 Manufacturer Phone: 1-800-334-9481
Emergency Phone: 1-800-888-8372

2. HAZARDS IDENTIFICATION

Classifications: Specific Target Organ Toxicity: Respiratory Irritation Category 3
 Signal Word (OSHA): Warning
 Hazard Statements: May cause respiratory irritation

Hazard Symbols:



Precautionary Statements: Avoid breathing dust.
 Use only outdoors or in a well-ventilated area.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center, doctor or Syngenta if you feel unwell.
 Store locked up.
 Dispose of contents and container in accordance with local regulations.

Other Hazard Statements: May form combustible dust concentrations in air.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Common Name | CAS Number | Concentration |
|----------------------|----------------------|----------------|---------------|
| Corn grits, defatted | Corn grits, defatted | Not Applicable | Trade Secret |
| Other ingredients | Other ingredients | Trade Secret | 99.989% |
| Abamectin | Abamectin | 71751-41-2 | 0.011% |

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

AWARD® II Fire Ant Bait

Date: 6/4/2015

Replaces: 7/12/2014

4. FIRST AID MEASURES

Have the product container, label or Safety Data Sheet with you when calling Syngenta (800-888-8372), a poison control center or doctor, or going for treatment.

Ingestion: If swallowed: Call Syngenta (800-888-8372), a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so after calling 800-888-8372 or by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eye Contact: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call Syngenta (800-888-8372), a poison control center or doctor for treatment advice.

Skin Contact: If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call Syngenta (800-888-8372), a poison control center or doctor for treatment advice.

Inhalation: If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call Syngenta (800-888-8372), a poison control center or doctor for further treatment advice.

Most important symptoms/effects:

Respiratory irritation

Indication of immediate medical attention and special treatment needed:

There is no specific antidote if this product is ingested.

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use dry chemical, foam or CO2 extinguishing media. If water is used to fight fire, dike and collect runoff.

Specific Hazards:

During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

Special protective equipment and precautions for firefighters:

Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Follow exposure controls/personal protection outlined in Section 8.

Methods and materials for containment and cleaning up:

Avoid dust formation.

Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Sweep up material and place in a compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

AWARD® II Fire Ant Bait

Date: 6/4/2015
Replaces: 7/12/2014

7. HANDLING AND STORAGE

Precautions for safe handling:

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities:

Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Occupational Exposure Limits:

| Chemical Name | OSHA PEL | ACGIH TLV | Other | Source |
|----------------------|--|--|----------------------------|----------------|
| Corn grits, defatted | 5 mg/m ³ (respirable); 15 mg/m ³ (inhalable) | 3 mg/m ³ (respirable); 10 mg/m ³ (inhalable) | Not Established | Not Applicable |
| Other ingredients | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Abamectin | Not Established | Not Established | 0.02 mg/m ³ TWA | Syngenta |

Appropriate engineering controls:

Use effective engineering controls to comply with occupational exposure limits (if applicable).

Individual protection measures:

Ingestion:

Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye Contact:

Where eye contact is likely, use dust-proof chemical goggles.

Skin Contact:

Where contact is likely, wear chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride [PVC] or Viton), coveralls, socks and chemical-resistant footwear.

Inhalation:

A particulate filter respirator may be necessary until effective engineering controls are installed to comply with occupational exposure limits. Use NIOSH certified respirator with any N, R, P or HE filter. Use a self-contained breathing apparatus in cases of emergency spills, when exposure levels are unknown, or under any circumstances where air-purifying respirators may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow to yellow granules

Odor: Mild, pleasant

Odor Threshold: Not Available

pH: 6.0 - 7.0

Melting point/freezing point: Not Available

AWARD® II Fire Ant Bait

Date: 6/4/2015
Replaces: 7/12/2014

Initial boiling point and boiling range: Not Applicable
Flash Point (Test Method): Not Applicable
Flammable Limits (% in Air): Not Available
Flammability: Not Applicable
Vapor Pressure: Abamectin 7.5 x 10⁻⁸ mmHg @ 77°F (25°C)
Vapor Density: Not Available
Relative Density: 17.0 - 22.0 lbs/ft³
Solubility (ies): Abamectin 0.007 - 0.01 mg/l @ 68°F (20°C)
Partition coefficient: n-octanol/water: Not Available
Autoignition Temperature: Not Available
Decomposition Temperature: Not Available
Viscosity: Not Available
Other: Not Available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive.
Chemical stability: Stable under normal use and storage conditions.
Possibility of hazardous reactions: Will not occur.
Conditions to Avoid: None known.
Incompatible materials: None known.
Hazardous Decomposition Products: None known.

11. TOXICOLOGICAL INFORMATIONHealth effects information

Likely routes of exposure: Dermal, Inhalation

Symptoms of exposure: Respiratory irritation

Delayed, immediate and chronic effects of exposure: Respiratory system effects

Numerical measures of toxicity (acute toxicity/irritation studies (finished product))

| | | |
|---------------------|-------------------------------|---|
| Ingestion: | Oral (LD50 Rat) : | > 5000 mg/kg body weight |
| Dermal: | Dermal (LD50 Rat) : | > 2000 mg/kg body weight |
| Inhalation: | Inhalation (LC50 Rat) : | See "Other Toxicity Information", Sec. 11 |
| Eye Contact: | Minimally Irritating (Rabbit) | |
| Skin Contact: | Non-Irritating (Rabbit) | |
| Skin Sensitization: | Not a Sensitizer (Guinea Pig) | |

AWARD® II Fire Ant Bait

Date: 6/4/2015
 Replaces: 7/12/2014

Reproductive/Developmental Effects

Abamectin: Experiments have shown reproductive toxicity effects on laboratory animals.

Chronic/Subchronic Toxicity Studies

Abamectin: Central nervous system effects in chronic/subchronic animal tests.

Carcinogenicity

Abamectin: Did not show carcinogenic effects in animal experiments.

| Chemical Name | NTP/IARC/OSHA Carcinogen |
|----------------------|--------------------------|
| Corn grits, defatted | No |
| Other ingredients | No |
| Abamectin | No |

Other Toxicity Information

Formulation particle size is non-respirable.

Toxicity of Other Components

Corn grits, defatted

The carrier and one or more components are reported by the manufacturers to be nuisance dusts. Prolonged breathing of excessive dust may affect lung function.

Other ingredients

Not Applicable

Target Organs

Active Ingredients

Abamectin: Skin, eye, CNS

Inert Ingredients

Corn grits, defatted: Lung

Other ingredients: Not Applicable

12. ECOLOGICAL INFORMATION

Eco-Acute Toxicity

Abamectin:

- Fish (Rainbow Trout) 96-hour LC50 3.6 ppb
- Bird (Bobwhite Quail) LD50 Oral > 2000 mg/kg
- Invertebrate (Water Flea) 48-hour EC50 0.34 ppb
- Green Algae 9-day EC50 > 100 ppm
- Bee (Contact) 48-hour LD50 0.41 ug/bee

Environmental Fate

Abamectin:

The information presented here is for the active ingredient, abamectin.
 Low bioaccumulation potential. Not persistent in soil. Stable in water. Low mobility in soil. Mixes in water (after 24 h).

AWARD® II Fire Ant Bait

Date: 6/4/2015

Replaces: 7/12/2014

13. DISPOSAL CONSIDERATIONS

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

Ground Transport - NAFTA

Not regulated

Comments

Water Transport - International

Not regulated

Air Transport

Not regulated

15. REGULATORY INFORMATION

Pesticide Registration:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Caution: Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

EPA Registration Number(s):

100-1452

EPCRA SARA Title III Classification:

Section 311/312 Hazard Classes: Acute Health Hazard

Section 313 Toxic Chemicals: None

California Proposition 65:

This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CERCLA/SARA 304 Reportable Quantity (RQ):

Not Applicable

RCRA Hazardous Waste Classification (40 CFR 261):

Not Applicable

TSCA Status:

Exempt from TSCA, subject to FIFRA

AWARD® II Fire Ant Bait

Date: 6/4/2015

Replaces: 7/12/2014

16. OTHER INFORMATION

NFPA Hazard Ratings

Health: 1
Flammability: 1
Instability: 0

HMIS Hazard Ratings

Health: 1
Flammability: 1
Reactivity: 0

| | |
|---|----------|
| 0 | Minimal |
| 1 | Slight |
| 2 | Moderate |
| 3 | Serious |
| 4 | Extreme |
| * | Chronic |

Syngenta Hazard Category: C

For non-emergency questions about this product call:

1-800-334-9481

Original Issued Date: 2/7/2012

Revision Date: 6/4/2015

Replaces: 7/12/2014

Section(s) Revised: 2, 4, 11, 16

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.