ASPERELLO

T34 Biocontrol

Biological Fungicide - Wettable Powder

For the suppression of root diseases caused by Fusarium, Rhizoctonia, Pythium and Phytophthora in ornamental plants in greenhouses.

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:
Trichoderma asperellum, strain T34 (dried conidia) ........... 12.00%

OTHER INGREDIENTS:
TOTAL: 100.00%

*The wettable formulation containing 10.83% or 1x10¹² colony forming units per Kg of dry weight.

EPA Reg. No: 87301-1-91594 EPA Est. No: 91667-CHK-001

KEEP OUT OF REACH OF CHILDREN

CAUTION
See inside booklet for additional Precautionary Statements and complete Directions for Use.

STORAGE AND DISPOSAL

Do not contaminate water, soil, or food by storage or disposal.

Outside Storage: Place in original container in a cool dry place. Where kept at 40°F (4°C), the viability of the product provides effective control for up to one year.

Inside Storage: Place in original container in a cool dry place. Where kept at 40°F (4°C), the viability of the product provides effective control for up to one year.

See inside booklet for additional Storage and Disposal.

Container Disposal:
Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling, if available or dispose of empty bag in sanitary landfill or by incineration. Do not contaminate food or feed by disposal. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Do not contaminate water, food, or feed by storage or disposal.

Do not affect groundwater or surface water by improper disposal.

Pesticide Storage:
Do not contaminate water, food, or feed by storage or disposal.

For enclosed environments:
Distributed by:
BIOBEST USA Inc.
28529 Goddard Road, Suite 100
Romulus, MI 48174

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BIOBEST USA Inc.
28529 Goddard Road, Suite 100
Romulus, MI 48174

Manufactured by:
Biocentum Technologies S.L., Telde, for and

Net Weight: 17.64 oz. (500 g)

Batch number: Use before:

NOTICE TO BUYER AND SELLER

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks entirely associated with the use of this product. To the extent consistent with applicable law, the product's label including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or User's exclusive remedy, and BIOBEST USA Inc., the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of BIOBEST USA Inc., the manufacturer, or the seller is authorized to amend the terms of this warranty or to make a presentation or recommendation different from or inconsistent with this product.

To the extent consistent with applicable law, BIOBEST USA Inc., the manufacturer or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

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for aphanized "as is" by BIOBEST USA Inc. The manufacturer and the seller are subject only to the manufacturer’s warran-
ties, if any, which appear on the label of the product sold. For aphanized as warranted by this label, BIOBEST USA Inc.,
the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user,
whether express or implied, or by usage of trade, custom, or course of performance, and the entire risk as to the product
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To the extent consistent with applicable law, BIOBEST USA Inc., the manufacturer or the seller shall not be liable for conse-
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READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:
Trichoderma asperellum, strain T34 (dried conidia) ........ 12.00%

OTHER INGREDIENTS:
........................................................................88.00%

TOTAL: 100.00%

The wettable formulation containing 10.38% or 1x10^3 cell/kg forming units per kg of dry weight.

EPA Reg. No: 87301-1-91594 EPA Est. No: 91667-CHK-001

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside booklet for additional Precautionary Statements and complete Directions for Use.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by disposal or storage.

Stable at room temperatures. Store in original container in a cool, dry place. When kept at 40°F (4°C), the viability of the product remains effective for
up to one year. For best results, use this product immediately after purchase. If you are going to store your product for more than 30 days,
please follow the manufacturer’s instructions for cleaning and storing the equipment.

Dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Follow the manufacturer’s instructions for cleaning/
disinfection of equipment before each use and after each use. Wear personal protective equipment while handling and before washing, disinfection, changing gear, using equipment, or using the toilet. Wear and wash contaminated clothing
before reuse.

User Safety Recommendations: Users should remove clothing PPE (protective clothing) after getting a raised rash. Wash thoroughly with soap and
easy removing. Avoid contact with eyes, clothing. Harmful if inhaled. Avoid breathing dust. Wash thoroughly with soap and
water. Causes moderate eye irritation. Harmful if swallowed. Harmful if absorbed through the skin.

For enclosed environments:

If Swallowed

FIRST AID

Do not induce vomiting unless told to by a poison control center or doctor.

Rinse skin immediately with plenty of water for 15-20 minutes.

Have person sip a glass of water if able to swallow.

Use decontamination soap and water, if available. Keep person warm and comfortable. Move to fresh air.

Do not give anything to an unconscious person.

If in Eyes

User Safety Recommendations:

Hazardous to Humans and Domestic Animals - CAUTION: Causes moderate eye irritation. Harmful if swallowed. Rub eyes with a damp cloth, then
wash thoroughly. Put on protective clothing and goggles. Wash thoroughly with soap and

For emergency information, call the National Pesticides Information Center at 1-800-858-7374, EPA/OSHA Hotline at 1-800-888-4672, or your local poison control center.

For NON-AGRICULTURAL USE:

If a product is not labeled for a given use, it may be regulated as a pesticide (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Non-Agricultural Use Requirements:

The requirements in this key apply to some of the products that do not receive the scope of the Worker Protection Standard for agricultural work (74 FR 23774). The WPS applies when the producer or handler of these products use on farms, forests, nurseries, or greenhouses.

Many unprotected persons out of treated areas until sprays have dried or dusts have settled.

Do not contaminate water, food, or feed by disposal or storage.

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by

Container Disposal:

Do not contaminate food or feed by disposal. Wastes resulting from the use of this product may be disposed of on-site

Pesticide Disposal:

Pesticide Storage:

Follow the manufacturer’s instructions for the storage of this product. To the extent consistent with applicable law, BIOBEST USA Inc., the
manufacturer or the seller shall not be liable for consequential, special, or indirect damages resulting from the sea, handling,
application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waives any
right that they may have to such damages.

Storage and Disposal:
**COMPATIBILITY:**

- If you have questions about calibration, you should contact the pesticide injection system service specialist, equipment manufacturer, or other experts.

- Do not connect an irrigation system (including greenhouse irrigation) used for pesticide application to public water systems unless the pesticide package contains explicit safety devices for public water systems on a site.

- Please knowledgeability of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make sure appropriate adjustments should be real-time.

- Public water systems release a system for the provision to the public of safe water for human consumption. If such systems have less than 15 service connections or regularly serve an average of at least 25 individuals daily at least 60 days out of the year, the system must contain a functional, normally closed, solenoid-operated valve located on the intake pipe and the top or overflow rim of the reservoir tank of at least 2 times the inside diameter of the fill pipe.

- The pesticide injection system must contain a functional, automatically activated check valve to prevent the flow of fluid back toward the injection pump.

- The pesticide injection system must also contain a functional, normally closed, solenoid-operated valve located on the intake pipe and the top or overflow rim of the reservoir tank of at least 2 times the inside diameter of the fill pipe.

**APPLICATION AND DOSE:**

- Continuous agitation is recommended in the pesticide application system to prevent the flow of fluid back toward the injection pump.

- Continuous agitation is recommended in the pesticide injection system to prevent the flow of fluid back toward the injection pump.

- Systems using a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and controlled in the manner of mixing and dilution instructions.

- Refer to “Application and Dose” instructions for specific mixing and dilution instructions.

**PRODUCT INFORMATION**

- Asperello T34 Biocontrol is a biofungicide that protects ornamental and carnation plants and increases their defenses against Fusarium oxysporum f. sp. dianthi. The active ingredient is the beneficial fungus Trichoderma asperellum, strain T34.

- Asperello T34 Biocontrol is a preventative biofungicide for control of ornamental diseases. The active ingredient is the beneficial fungus Trichoderma asperellum, strain T34 which grows onto plant roots as they develop and protects against plant root pathogens such as Phytophthora, Rhizoctonia, Pythium, and Fusarium. The utilization of Asperello T34 Biocontrol is recommended after a security period (7-10 days) of substrate establishment, fungicidal treatments, and irrigation of container-grown plants.

- Asperello T34 Biocontrol, pretreated and applied, protects plants from diseases due to its capacity to colonize the growing media and the plant roots and because of its strong action against pathogenic microorganisms and the induction of plant resistance mechanisms (ISR).

- Asperello T34 Biocontrol germinates and grows in a wide range of soils and substrates, and around the roots of many crops to control the development of some diseases. It develops in a variety of pH (6-8) and temperature conditions (5-35°C), but it optimally grows at temperatures 25-27°C with a water activity of 0.98.

- Asperello T34 Biocontrol has a suppressive effect on the soil-borne pathogen Fusarium oxysporum, since it directly competes for space and nutrients and can parasitize the pathogenic fungus.

**DIRECTIONS FOR USE:**

**GREENHOUSE POTTING MIX OR SOIL DRENCH:**

**FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE**

**CROPS:**

- Carnation plants, greenhouse

**Application and Dose:**

- Close the specific amount of Asperello T34 Biocontrol in a small amount of water and shake to obtain good product dispersion. Add this solution to the irrigation tank, with the total volume of water necessary to enter the plants, diversely into continuous or discontinuous irrigation.

- Apply Asperello T34 Biocontrol in the periclitic irrigation of the day, to ensure that no residual product remains in the irrigation system. This will also minimize the wash-out and guarantee suitable residue in the substrate.

**DOSES, NUMBER OF TREATMENTS, AND LAST TIME OF APPLICATION:**

- **1.** Solving the spraying needs for propagation.

- **2.** Application of Asperello T34 Biocontrol after a security period (7-10 days) of substrate establishment, fungicidal treatments, and irrigation of container-grown plants. Repeat the application once weekly or twice if plants were not treated during propagation with Asperello T34 Biocontrol.

- **3.** Irrigation of container-grown crops.

- **4.** Asperello T34 Biocontrol per 1,000 pots of 2.1 pints (1L) at the planting day. Repeat the application one week later if plants were not treated during propagation with Asperello T34 Biocontrol.

- **MAXIMUM TOTAL DOSE:**

- The maximum recommended rate for the dilution of Asperello T34 Biocontrol is 1.5 oz (10 g) water.

**COMBINTIY:**

- Asperello T34 Biocontrol should not be used in mixed with other products. It is recommended to social treatment with chemical fungicides 10 days before or after the application of Asperello T34 Biocontrol, once Asperello T34 Biocontrol is used in the greenhouse, to avoid any problems with the activity of the beneficial fungus. Asperello T34 Biocontrol is compatible with all liquid fertilizers and with the use of insecticides and acaricides and fungicides specific against oomycetes.

**STORAGE AND DISPOSAL:**

Do not contaminate food, feed or by disposal of the product. Read directions for use and storage safely. Store in original container in a cool, dry place. When kept at RH < 45%, the instability of the product provides protection against fermentation and the formation of toxic substances. Once the container has been used, do not dispose of the container or any remaining contents in a sanitary landfill or by incineration. Do not contaminate food or feed by disposal. Wastes resulting from the use of this product may be disposed of by sanitary landfill or by incineration. Do not contaminate water, food, or feed by storage or disposal. When kept at 40°F (4°C), the viability of the product provides protection against fermentation and the formation of toxic substances.

- DO NOT CONTAMINATE FOOD, FEED OR BY DISPOSAL OF THE PRODUCT. READ DIRECTIONS FOR USE AND STORAGE SAFELY. STORE IN ORIGINAL CONTAINER IN A COOL, DRY PLACE. WHEN KEPT AT RH < 45%, THE INSTABILITY OF THE PRODUCT PROVIDES PROTECTION AGAINST FERMENTATION AND THE FORMATION OF TOXIC SUBSTANCES. ONCE THE CONTAINER HAS BEEN USED, DO NOT DISPOSE OF THE CONTAINER OR ANY REMAINING CONTENTS IN A SANITARY LANDFILL OR BY INCINERATION. DO NOT CONTAMINATE FOOD OR FEED BY STORAGE OR DISPOSAL. WHEN KEPT AT 40°F (4°C), THE VIABILITY OF THE PRODUCT PROVIDES PROTECTION AGAINST FERMENTATION AND THE FORMATION OF TOXIC SUBSTANCES.
**COMPATIBILITY:**

- Do not connect an irrigation system (including greenhouse sprinkler) to a public water system.
- If you have questions about calibration, you should contact the person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person.
- Crop injury, lack of effectiveness, or illegal pesticide residues in food products will not be replaced.
- Public water systems are a system for the provision to the public of piped water for human consumption. Such systems at least 15 service connections or regularly serve an average of at least 25 individuals daily for at least 60 days out of the year.

**PUBLIC WATER SYSTEMS**

Public water systems serve a system for the provision to the public of piped water for human consumption. Such systems at least 15 service connections or regularly serve an average of at least 25 individuals daily for at least 60 days out of the year.

- A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**FLOOR (BASE), HARRON, AND BORDER CHEMIGATION**

- Systems using a gravity flow pesticide dispensing system must water the pesticide into the water at the field of the field and/or border points, where the system can directly affect crop injury, lack of effectiveness, or illegal pesticide residues in food products will not be replaced.

**DRIP (TRICKLE) CHEMIGATION**

- The irrigation line or water pump must include a functional, automatic, quick-closing check valve to prevent the flow of water back toward the injection point.

**PRODUCT INFORMATION**

**ASPERELLO T34 Biocontrol** is a biofungicide that protects ornamental and carnation plants and increases their defenses against Fusarium oxysporum f. sp. alii. The active ingredient is the beneficial fungus Trichoderma asperellum, strain T34.

- **ASPERELLO T34 Biocontrol** is a preventative biofungicide for control of ornamental plants. The active ingredient is the beneficial fungus Trichoderma asperellum, strain T34 which grows into plant roots as they develop and provides protection against plant root pathogens such as Fusarium, Rhizoctonia, Pythium, and Phytophthora.

**APPLICATIONS**

- **ASPERELLO T34 Biocontrol** is recommended after a security period (7-10 days) of substrate sterilization, fumigation or biofumigating.

- **ASPERELLO T34 Biocontrol**, presensitively applied, protects plants from diseases due to its capacity to colonize the growing media and the plant roots and because of its strong action against pathogenic microorganisms and the induction of plant resistance mechanisms (28).

- **ASPERELLO T34 Biocontrol** germinates and grows in a wide range of soils and substrates, and around the roots of many crops in at least 14 days of seedling emergence. It develops in a variety of pH (6-8) and temperature (59-95ºF [21-35ºC]) conditions, but it optimum growth temperature (77-86ºF [25-30ºC]) must stop the water entry prior to the injection pump motor stops.

**CROPS**

- **ASPERELLO T34 Biocontrol** is compatible with all liquid fertilizers and with the use of insecticides and acaricides and fungicides specific against oomycetes.

**MAXIMUM TOTAL DOSE:**

- The maximum concentration recommended for the dilution of **ASPERELLO T34 Biocontrol** is 1.3 oz gal (4.5L) water.

**STORAGE AND DISPOSAL**

Do not contaminate water, foods, feed or off-site by disposing of this product. Raise to dry air and use in accordance with the label instructions. **ASPERELLO T34 Biocontrol** is incompatible with broad spectrum fungicides and tank mixing with other products is not recommended. Compatibility of this product with all liquid fertilizers and with the use of insecticides and acaricides and fungicides specific against oomycetes is not recommended.
• Do not connect an irrigation system (including greenhouse irrigation systems) or pesticide application system to public water systems unless the pesticide label prescribed safety devices for public water systems are in place.

• A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut down the system and take any emergency/mandatory adjustments that need to be made.

• Public water systems review a system for the provision to the public of safe water for human consumption. If such a system has less than 15 service connections or regularly serves an average of less than 25 individuals daily at least 25 days out of the year.

• Chemigation systems connected to public water systems must contain a functional, pressure-regulated zone (RPZ), back flush preventer or back-flush piping, back flow preventer, and a system pressure relief valve located on the intake side of the pump.

• As an option to the RPZ, the water from the public water system(s) should be discharged into a reservoir tank prior to being withdrawn from the supply tank.

• The irrigation line or water pump must include a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

• The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is automatically affected.

• Systems must contain a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• As a preventative biofungicide for control of ornamental plants diseases. The active ingredient is the beneficial fungus Tulasnella asperelloi, strain T34.

• ASPERELLO T34 Biocontrol is a biofungicide that protects ornamental and carnation plants and increases their defenses against Fusarium oxysporum f. sp. dianthi.

• ASPERELLO T34 Biocontrol, strain T34 which grows onto plant roots as they develop and provides protection against plant root pathogens such as Fusarium, Rhizoctonia, Pythium, and Phytophthora.

• The utilization of ASPERELLO T34 Biocontrol is recommended after a security period (10-17 days) of substrate distribution, fertigation, and the first irrigation of crops.

• ASPERELLO T34 Biocontrol, presumptively applied, protects plants from diseases due to its capacity to colonize the growing media and the plant roots and because of its strong action against pathogenic microorganisms and in the induction of plant resistances (ISR).

• ASPERELLO T34 Biocontrol germinates and grows in a wide range of soils and substrates, and around the costs of many crops with no effect on the development of other microorganisms. It develops in a variety of pH (6.0-9.0) and temperature conditions (6-95ºF [20-35ºC]), but its optimum growth temperatures are 72-77ºF (22-25ºC)

• ASPERELLO T34 Biocontrol has a suppressive effect on the soil-borne pathogen Fusarium oxysporum, since it directly competes for space and/or nutrients and can parasitize the pathogenic fungus.

• ASPERELLO T34 Biocontrol near plant roots builds a physical barrier against pathogens, reduces systemic resistance (ISR) and increases the synthesis of plant defense proteins.

• Systems using a gravity flow pesticide dispensing system must retain the pesticide in the water at the point of the field or crop application. Some systems may not decrease potential for water source contamination from back flow if 4 gallons or more from the supply tank may be withdrawn at one time.

• Systems utilizing a pressurized water and pesticide injection system must follow the requirements for chemigation systems.

• The system must contain a functional check valve, vacuum relief valve, and low pressure alarm, and be connected to prevent water source contamination from back flow if 4 gallons or more from the supply tank may be withdrawn at one time.

• The irrigation line or water pump must include a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• Systems must contain a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• The pesticide injection pipeline must contain a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• ASPERELLO T34 Biocontrol should be reapplied continuously during the duration of the water application.

• Refer to “Application and Dose” instructions for specific mixing and dilution instructions.

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• Systems must contain a functional check valve, vacuum relief valve, and low pressure alarm, and be connected to prevent water source contamination from back flow if 4 gallons or more from the supply tank may be withdrawn at one time.

• Systems utilizing a pressurized water and pesticide injection system must follow the requirements for chemigation systems.

• The system must contain a functional check valve, vacuum relief valve, and low pressure alarm, and be connected to prevent water source contamination from back flow if 4 gallons or more from the supply tank may be withdrawn at one time.

• The irrigation line or water pump must include a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• Systems must contain a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• The pesticide injection pipeline must contain a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

• ASPERELLO T34 Biocontrol should be reapplied continuously during the duration of the water application.

• Refer to “Application and Dose” instructions for specific mixing and dilution instructions.

• ASPERELLO T34 Biocontrol, strain T34 which grows onto plant roots as they develop and provides protection against plant root pathogens such as Fusarium, Rhizoctonia, Pythium, and Phytophthora.

• The utilization of ASPERELLO T34 Biocontrol is recommended after a security period (10-17 days) of substrate distribution, fertigation, and the first irrigation of crops.

• ASPERELLO T34 Biocontrol, presumptively applied, protects plants from diseases due to its capacity to colonize the growing media and the plant roots and because of its strong action against pathogenic microorganisms and in the induction of plant resistances (ISR).

• ASPERELLO T34 Biocontrol germinates and grows in a wide range of soils and substrates, and around the costs of many crops with no effect on the development of other microorganisms. It develops in a variety of pH (6.0-9.0) and temperature conditions (6-95ºF [20-35ºC]), but its optimum growth temperatures are 72-77ºF (22-25ºC)

• ASPERELLO T34 Biocontrol has a suppressive effect on the soil-borne pathogen Fusarium oxysporum, since it directly competes for space and/or nutrients and can parasitize the pathogenic fungus.

• ASPERELLO T34 Biocontrol near plant roots builds a physical barrier against pathogens, reduces systemic resistance (ISR) and increases the synthesis of plant defense proteins.

• The irrigation line or water pump must include a functional, automatic, back flush preventer or back flush piping to prevent water from back flow if water flow stops.

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NOTICE TO BUYER AND SELLER:

For the suppression of root diseases caused by Fusarium, Rhizoctonia, Pythium and Phytophthora in ornamental plants in greenhouses.

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:

Trichoderma asperellum, strain T34 (dried conidia) ........ 12.00%

OTHER INGREDIENTS: ........................................ 88.00%

TOTAL: .......................................................... 100.00%

*The wettable formulation containing 10.83% or 1x10¹² colony forming units per Kg of dry weight.

EPA Reg. No: 87301-1-91594 EPA Est. No: 91667-CHK-001

KEEP OUT OF REACH OF CHILDREN

See inside booklet for additional Precautionary Statements and complete Directions for Use.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by spills, or disposal.

Outside Storage: Store in original container in a cool dry place. When kept at 47°F (9°C), the stability of the product provides effective control for up to one year.

Container Disposal: Offer for recycling, if available or dispose of empty bag in sanitary landfill or at an approved waste disposal facility. Do not contaminate food or feed by disposal. Wastes resulting from the use of this product may be disposed of on-site or in a sanitary landfill or sent to a composting facility. Do not mix with or contaminate field water and storm water. For farmed areas, Pesticide Use Requirements apply.

PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals - CAUTION: Causes moderate eye irritation. Harmful if swallowed. Handle with care. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Do not contain pesticides that are classified as respiratory or skin irritants and do not require the use of PPE.

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