

Evade 4 FL

Registrant: Loveland Products, Inc.

GENERAL

EPA Registration Number:	34704-915	Signal Word:	CAUTION
CA Registration Number:	34704-915-AA		
Active Ingredient:	40.5 - Prodiamine	Application Methods:	Ground, Chemigation
Label Version:	011310 V2D 10G10	Mode of Action:	
Physical State:	Liquid (9.76 lb / ga)	Toxic To:	Aquatic Organisms, Fish
Product Type:	Herbicide	Rainfastness:	
Formulation Type:			

ADDITIONAL INFORMATION

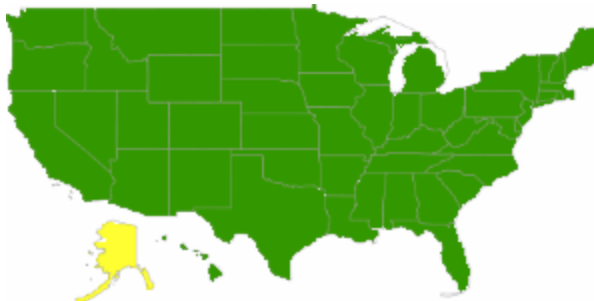
Federally Restricted:	No	Organic Certifications:	None
Posting Required:	No	Closed Mixing System Required:	
Avoid Grazing:	Yes		

CALIFORNIA

Registration #:	34704-915-AA	CA Restricted:	No
CA NOI Required:	No		

REGISTERED FOR USE IN

AL, AR, AZ, CA, CO, CT, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY



PACKAGE TYPES

1 GA Package(s) (4 / Case)	2.5 GA Package(s) (2 / Case)	30 GA Package(s)
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****Specific Notices will not be shown until a pest is selected.**

SAFETY

PPE Information:	WPS Uses: Applicators, mixers, loaders, and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR part 170) - in general, agricultural-plant uses are covered - must wear: - Long-sleeved shirt and long pants and - Shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
Re-Entry PPE Information:	PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: - Coveralls, - Chemical-resistant gloves such as butyl rubber >14 mils or natural rubber >14 mils or neoprene rubber >14 mils or nitrile rubber >14 mils, and - Shoes plus socks.
Transport Information:	LAND TRANSPORT DOT Shipping Description: NOT REGULATED. U.S. Surface Freight Classification: INSECTICIDES OR FUNGICIDES, INSECT OR ANIMAL REPELLENTS, NOI, OTHER THAN POISON (NMFC 102120; CLASS: 60)
Response Number:	800-424-9300
Medical Number:	866-944-8565
SDS Hazard ID Signal Word:	

GENERAL NOTICE 1

CHEMIGATION INSTRUCTIONS - OVERHEAD SPRINKLER IRRIGATION APPLICATION - Apply this product only through an overhead sprinkler irrigation system. Do not apply this product through any other type of irrigation system. - Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result in non-uniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts. - To avoid injury to foliage, make sure foliage is sufficiently wet before application or adequate irrigation is applied after application. - If sprinkler distribution patterns overlap excessively, injury to leatherleaf ferns and other ornamentals may result. - Do not connect an irrigation system (including greenhouse systems) used for pesticide application to public water systems unless pesticide label-prescribed safety devices for public water systems are in place. - If necessary, a person knowledgeable of the chemigation system and responsible for its operation, or someone under the supervision of the responsible person, shall shut the system down and make necessary adjustments. Operation Instructions 1. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. 2. The pesticide injection pipeline must contain a functional automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump. 3. The pesticide injection pipeline must also contain 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. 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. 5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely effected. 6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. 7. Do not apply when wind speed favors drift beyond the area intended for treatment. 8. Prepare a mixture with a minimum of 20 parts of water and 1 part Evade 4FL and inject this herbicide suspension mixture into the overhead system. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the herbicide in suspension. 9. Before injecting Evade 4FL into the system, run the irrigation system long enough to wet the foliage, then inject Evade 4FL suspension mixture in the pesticide supply tank (see number 8 above) in 1 inch of irrigation water. After the application is complete, continue the irrigation until all residues are washed off the foliage.

GENERAL NOTICE 2

Tolerant Ornamental Species The species listed in Table 8 on page 12 of the Label are tolerant to Evade 4 FL. Evade 4 FL may be used for application, except in CA, to the species in Table 9 on page 14 of the Label. Evade 4 FL may be applied over the top of the listed species. The species that are not tolerant to Evade 4 FL when grown in containers are indicated. When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Evade 4 FL.

GENERAL NOTICE 3

STORAGE AND DISPOSAL PESTICIDE STORAGE: Do not contaminate water, food, or feed by storage or disposal. For minor spills, leaks, or other accidental contamination, follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean up and disposal of wastes. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrecycle.org. If not recycled, then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. For packages up to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. For packages greater than 5 gallons or 50 pounds: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. For refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. This is a refillable container that must be returned to an authorized Loveland Products, Inc. facility for refilling or disposal. For more information contact Loveland Products, Inc. at 1-888-574-2878.

GENERAL NOTICE 4

Engineering Control Statements When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. **IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided with all of the PPE specified above for applicators and other handlers, and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

GENERAL NOTICE 5

ENVIRONMENTAL HAZARDS This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations substantially above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment wash water.

GENERAL NOTICE 6

DIRECTIONS FOR USE It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

GENERAL NOTICE 7

PRODUCT INFORMATION Where to Use For preemergence control of grass and broadleaf weeds in: - Established turfgrasses (excluding golf course putting greens), lawns, and sod nurseries - Container, field-grown, and landscape ornamentals - Conifer and hardwood seedling nurseries - Established perennial and wildflower plantings - Non-crop areas including managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards) - Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows - Christmas tree farms How Evade 4 FL Works Evade 4 FL controls susceptible weeds by preventing growth and development of newly germinated weeds. Weed control is most effective when Evade 4 FL is activated by at least 0.5 inches of rainfall or irrigation or shallow incorporation (1-2 inches) before weed seeds germinate and within 14 days following application. Use Precautions 1. Do not graze or feed livestock forage cut from areas treated with Evade 4 FL. 2. Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank mix partners. 3. Do not blend Evade 4 FL onto dry fertilizer or any other granular material. 4. Chemigation: Do not apply this product through any type of irrigation system unless instructed otherwise in this label. 5. Do not apply aerially. 6. Do not apply to golf course putting greens.

GENERAL NOTICE 8

MIXING AND APPLICATION PROCEDURES Mixing Evade 4 FL Alone Evade 4 FL must be mixed thoroughly in the spray tank to ensure uniform application. Follow these steps. 1. Fill the spray tank 1/4 full with clean water only. 2. Start agitation and check to ensure it is working properly. 3. For tank mixing instructions, refer to the section "Mixing Order for Tank Mixtures." 4. Maintain vigorous agitation in the spray tank before and during the application. This will ensure a well-mixed spray suspension. If Evade 4 FL was mixed with fertilizer in the spray tank, the fertilizer may aid resuspension of Evade 4 FL if agitation is disrupted. However, it is recommended that the entire tank be used before stopping agitation. 5. A spray colorant may be used with Evade 4 FL to mark areas as they are treated. This will improve application accuracy by minimizing swath skips and overlaps. 6. Thoroughly clean the sprayer after use by flushing the system with water containing a detergent. 7. Refer to the Pesticide Disposal section of this label for waste disposal. Do not allow spray suspension to dry in the tank. Tank Mixing Evade 4 FL Evade 4 FL may be tank mixed with certain other EPA-registered herbicides to provide a broader spectrum of weed control or to control emerged weeds. Follow the specific directions for use for tank mix partners, and refer to the label(s) of the individual tank mix partner(s) for use rate, application timing, weeds controlled, and specific precautions and/or restrictions. Tank mixes are permitted only in states where the tank mix partner(s) are registered for the application site and the turf and ornamental species listed. When using Evade 4 FL in a tank mixture with other pesticides, follow restrictions and precautions on the labels of the products used. Before tank mixing pesticides, test compatibility by mixing the products in a small container first. See the Compatibility Test section. Compatibility Test Before mixing Evade 4 FL with other pesticides in the spray tank, test for compatibility by mixing all components (carrier and pesticide products) in an appropriate container in proportionate quantities. For example, 1 qt. would be 1/100 the volume of 25 gals./A spray rate. At 1.0 lb./A, the Evade 4 FL rate would be proportional to 6 ml. per quart. Add approximately 1 teaspoon to a quart of water. (See following table). Amount of Component to Add to One Quart of Spray Carrier (Assuming Carrier Volume of 25 gals./A) Rate Per Component Formulations Acre 1,000 sq. ft. Level Teaspoons Evade 4 FL 21.0 fl. ozs. 0.5 fl. oz. 1.0 Dry Tank Mix Partners 1.0 lb. 0.4 oz. 1.5 Liquid Tank Mix Partners 1.0 pt. 0.4 fl. oz. 0.5 If components do not ball-up or form flakes, sludge, gels, oily films, or layers, then the mixture is compatible. Let the mixture stand for 15 minutes. Incompatibility will usually occur within 5 minutes after mixing. If components are not compatible, use a compatibility agent and rerun the test to determine if the mixture is suitable. If the components are still not compatible, do not tank mix. Mixing Order for Tank Mixtures Notes: (1) When mixing Evade 4 FL with other components (carrier and partner pesticide products), allow products to completely dissolve between steps. (2) Maintain agitation throughout mixing and application of the mixture. Add the products to the spray tank in the following order: 1. Add the products packaged in water-soluble bags first. Agitate the tank mixture. Allow the water-soluble bags to completely dissolve and the products to disperse before adding any other tank mix partners. 2. Then add water-dispersible granules (WDG or WG formulations) and wettable powders (WP formulations). Add wettable powders to the tank as agitation continues. Allow the product to disperse completely before other products are added. 3. Add spray adjuvants and spray markers. Read the adjuvant's label first and use only those adjuvants approved for application to turf and ornamentals. 4. Add Evade 4 FL, other flowable liquids (FL) or suspension concentrates (SC). 5. Add emulsifiable concentrates (EC) last. Application Apply Evade 4 FL in a minimum of 20 gals./A (0.5 gal./1,000 sq. ft.) of carrier (water and/or fluid fertilizer) using a calibrated, low-pressure sprayer with 50-mesh or coarser screens. A broadcast boom or handheld wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

GENERAL NOTICE 9

Tank Mixtures For Use on Ornamentals Evade 4 FL may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Evade 4 FL are for use only in states where the tank mix partner(s), application site and intended use pattern are registered. Follow the label directions of the tank mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before combining a tank mix partner in the spray tank, test for compatibility as described on this label. See Table 7. Tank Mix Partners for Evade 4 FL on Ornamentals on page 11 of the Label.

GENERAL NOTICE 10

NEW PLANTINGS, REPLANTING AND ROTATIONAL PLANTINGS Nursery, landscape, or non-cropped land areas treated with Evade 4 FL should be rotated only to ornamental species listed on this label for 1 year following application unless the following test has shown species safety: Before planting a species not listed on this label, it is recommended that several test strips of an indicator plant such as wheat, sorghum or corn be sown into the treated area. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant. In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control, but do not apply more than 48 fl. ozs./A per year.

TANK MIX INFORMATION

Mixing Order for Tank Mixtures

Notes: (1) When mixing Evade 4 FL with other components (carrier and partner pesticide products), allow products to completely dissolve between steps. (2) Maintain agitation throughout mixing and application of the mixture.

Add the products to the spray tank in the following order:

1. Add the products packaged in water-soluble bags first. Agitate the tank mixture. Allow the water-soluble bags to completely dissolve and the products to disperse before adding any other tank mix partners.
2. Then add water-dispersible granules (WDG or WG formulations) and wettable powders (WP formulations). Add wettable powders to the tank as agitation continues. Allow the product to disperse completely before other products are added.
3. Add spray adjuvants and spray markers. Read the adjuvant's label first and use only those adjuvants approved for application to turf and ornamentals.
4. Add Evade 4 FL, other flowable liquids (FL) or suspension concentrates (SC).
5. Add emulsifiable concentrates (EC) last.

SPECIAL INSTRUCTIONS

Evade 4 FL must be mixed thoroughly in the spray tank to ensure uniform application. Follow these steps.

1. Fill the spray tank 1/4 full with clean water only.
2. Start agitation and check to ensure it is working properly.
3. For tank mixing instructions, refer to the section "Mixing Order for Tank Mixtures."
4. Maintain vigorous agitation in the spray tank before and during the application. This will ensure a well-mixed spray suspension. If Evade 4 FL was mixed with fertilizer in the spray tank, the fertilizer may aid resuspension of Evade 4 FL if agitation is disrupted. However, it is recommended that the entire tank be used before stopping agitation.
5. A spray colorant may be used with Evade 4 FL to mark areas as they are treated. This will improve application accuracy by minimizing swath skips and overlaps.
6. Thoroughly clean the sprayer after use by flushing the system with water containing a detergent.
7. Refer to the Pesticide Disposal section of this label for waste disposal. Do not allow spray suspension to dry in the tank.