

Notice of Insect Control Application

Date of Application: September 8 – September 12, 2025

Locations:

- <u>Carriage Hill Dr.</u>- Far Hills Ave. to Red Pass Dr.
- Red Pass Dr.- Kettle Ridge Dr. to Carriage Hill Dr.
- Desert Foothills Dr. Far Hills Dr. to Red Pass Dr.
- <u>Kindle Corner Ave.</u>- Kettle Ridge Dr. to Carriage Hill Dr.
- Redpoint Dr.- Sky Vista Dr. to Carriage Hill Dr.
- Sky Vista Dr.- Far Hills Dr. to Kettle Ridge Dr.
- Fox Hill Dr.- Far Hills Dr. to Sky Vista Dr.
- <u>Clowder Spring Way.</u>- Kindle Corner Ave. to Red Pass Dr.

Reason for Application: To control and prevent further pests infestations on agave, specifically the agave snout weevil.

Product Manufacturer Name: Criterion 75 WSP

- -EPA registration no. 432-1318
- -Active ingredients: Imidacloprid
- -Signal word: Caution
- -Precautionary statement: Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and swash before reuse. Keep children or pets off treated area until spray is dry.

CRITERION™ 75 WSP

Insecticide

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EPA Est. No. 33967-NJ-1

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li in eyes:	Hold eye open and rinse skywly and gently with water for 15 - 20 minutes, Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

In case of emergency call full free the Bayer Environmental science emergency response a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIANE No specific antidote is available. Treat the patient symptomatically. PRECAUTIONARY STATEMENTS CAUTION

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Engineering controls statements:

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USER SAFETY RECOMMENDATIONS

ENVIRONMENTAL HAZARDS
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PROTECTION OF POLLINATORS

APPLICATION RESTRICTIONS DESIRED. THE TOTAL THAT THE T

This product can hill bees and other insect polimaters.
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"Detect pointar foliar architecture" or produce from

as on over three presentors can be represent to this periodic incomline context during plant periodization, control with evidentia on policy and instructions after folial applications.

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protecting bees and other insect pollisators may be found at the Pesticide Environmental Stewardship website at:

SEE INDIVIDUAL SITES FOR SPECIFIC POLLINATOR PROTECTION APPLICATION RESTRICTIONS, IF NONE EXIST UNDER THE SPECIFIC SITE, FOR OUTDOOR FOLIAR APPLICATIONS, FOLLOW THESE APPLICATION DIRECTIONS. Do not apoly CRITENSOR™ To WSP Insectición while bees are foreging. Do not apoly CRITENSOR™ To WSP Insectición while bees are foreging. Do not apoly CRITENSOR™ To WSP insectición to plants that are apoly offic all flower poblab have fallen off.

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consolition. Claims for 15KS Placeticities conductions can be supplemented with residual sprays, boil placements or other and control factor to further reduce the pest population.

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DIRECTIONS FOR USE ON TURFGRASSES IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL AREAS PEST
Cutworm (suppression)
European chalter
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Green June bestle
Japanese beetle 1.6 oz (1 Packet) per 8,250 to 11,000 sq ft - 12" -

TREES: DIRECTIONS FOR SOIL APPLICATIONS FOR TREES WITH A 15 INCH OF TRUNK DIAMETER AT BREAST HEIGHT (D.B.H.) OR GREATER TO TREAT THE PESTS LISTED BELOW (cont.)

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GROUND TREATMENT PREPLANTING

Apply on a livendent treatment exist incorporable lefts the roll before plantings.

1.5 oz (1 pockul) CRITERION 75 WSP Inspectición por 8,250 to 11,000 sp (1 RESTRICTIONs

Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.

- Keep children and pets off treated area until dry.

Do not apply CRITERION 75 WSP insecticide to areas which are water logged or saturated, which will not allo DIRECTIONS FOR FOLIAR APPLICATION TO POME FRUITS, PECANS, AND GRAPES GROWN IN RESIDENTIAL AREAS SITE
Pome Fruits.
Apple Pear
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Loquat
Mayhaw PEST APPLICATION RATE Aphilds (except Wooly apple aphilo) Mealybugs*
Leafhoppers (including glassy-winged snarpehooter) San Jose Scalo*
Leafminer 1,6 oz (I packet) per 300 gal-lons of water 2.1 oz per acre Mayinam April specified designs as foliate yeary as moved of the published in complete. For control of copy applies abolid, apply pract is substitutely caused by the past. For it and controlled interfedence control, much real supplication to an open application. For section is not provided to the provided of the past of of the . quired per acre will depend on tree size and volume of loliage present, The rate por acro is tessed on a standard of 400 galloos of The about of CRETRION TS WEST beactives required per acro will depend on the size and volume of foliage present. The role per acro is tracted on a statement of 48th general ordinary per across one of permitted in California select directed by state-specific Algorithms and backing.

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IMPORTANT: READ BEFORE USE
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CRITERION™ 75 WSP

Insecticide

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For foliar and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees, and interior plantscapes.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	75
OTHER INGREDIENTS:	25
TOTAL:	100

Keep water soluble packets in this container and store in a cool dry place but not below freezing (32° F).

Do Not Remove Packets From Container Except For Immediate Use.

EPA Reg. No. 432-1318

EPA Est. No. 33967-NJ-1

STOP - READ THE LABEL BEFORE USE KEEP OUT OF REACH OF CHILDREN

PARA EL USUARIO: Si usted no lee o entiende inglés, no use este producto hasta que le hayan explicado completamente las instrucciones que figuran en la etiqueta. (TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577 For PRODUCT USE Information Call 1-800-331-2867

FIRST AID

· Call a poison control center or doctor immediately for treatment advice.

a poson control center of ductor, or going for treatment.

NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets off treated area until spray is dry.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

WPS USES: Applicators and Other Handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR part 170) - in general, agricultural plant uses e.g..

- use in sod farms, must wea
- Long-sleeved shirt and long pants Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride
 - (PVC) or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Shoes plus socks

Non-WPS USES: Applicators and other handlers who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR part 170) - in general, only agricultural

- plant uses are covered by the WPS, must wear:

 Shirt and pants Gloves Shoes plus socks
- Engineering controls statements:
 When handlers use closed systems, enclosed cabs, or aircraft 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.

USER SAFETY RECOMMENDATIONS

User should:

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- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops/plants or weeds. Do not apply this product or allow it to drift to blooming crops/plants or weeds if bees are foraging the treatment area. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.

PROTECTION OF POLLINATORS

in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators. Look for the bee hazard icon



This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar. Bees and other insect pollinators can be exposed to this pesticide from:

- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.
- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- When Using This Product Take Steps To:
- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
 Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site pollinator attractive habitat can result in

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.npic.orst.edu or directly to EPA at: beekill@epa.gov www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: beekill@epa.gov

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 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.

SEE INDIVIDUAL SITES FOR SPECIFIC POLLINATOR PROTECTION APPLICATION RESTRICTIONS. IF NONE EXIST UNDER THE SPECIFIC SITE, FOR OUTDOOR FOLIAR APPLICATIONS, FOLLOW THESE APPLICATION DIRECTIONS.





Do not apply CRITERION 75 WSP Insecticide while bees are foraging. Do not apply CRITERION 75 WSP Insecticide to plants that are flowering. Only apply after all flower petals have fallen off.

Use Criterion 75 WSP Insecticide as directed for sod farm production and on turfgrass and ornamentals on: residential home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields.

Criterion 75 WSP Insecticide can be used by soil application as directed on trees, shrubs, flowers and groundcovers in sites: in and around the perimeter of industrial and commer-

cial buildings; residential areas; interior plantscapes; municipal, city, state and national forested areas, and private wooded areas. **RESTRICTION**: Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.

RESISTANCE MANAGEMENT RECOMMENDATIONS

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strate-

Geies established for the use area.

CRITERION 75 WSP Insecticide contains a Group 4A insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses, and sod farm production. Keep children and pets off treated area until dry,

APPLICATION TO TURFGRASS

APPLICATION TO TURFGRASS
Use CRITERION 75 WSP Insecticide for the control of soil inhabiting pests of turfgrass, Northern & Southern masked chafers, Cyclocephala borealis, C. immaculata, and/or C. lurida; Asiatic garden beetle, Maladera castanea; European chafer, Rhizotroqus majalis; Green June beetle, Cotinis nitida; May or June beetle, Phyllophaga spp.; Japanese beetle, Popillia japonica; Oriental beetle, Anomala orientalis; Billbugs, Spherophorus spp.; Annual bluegrass weevil, Hyperodes spp.; Black turfgrass ataenius, Ataenius spretulus and Aphodius spp.; European Crane Fly Tipula, paludosa; and mole crickets, Scapteriscus spp. CRITERION 75 WSP Insecticide can also be used for the suppression of cutworms and chinchbugs. The active ingredient in CRITERION 75 WSP Insecticide has sufficient residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control are achieved when applications are made preceding or during the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control will be achieved when applications are made prior to egg hatch of the target pests, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

lowed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Do not apply when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated turf area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. **RESTRICTION:** Do not apply more than a total of 8.53 oz (0.4 lb of active ingredient) per acre per year.

APPLICATION EQUIPMENT FOR USE ON TURFGRASS

Apply CRITERION 75 WSP Insecticide in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for the application of turfgrass insecticides is required. Use equipment, which will produce a uniform, coarse droplet spray, using a low-pressure setting to eliminate off target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION TO ORNAMENTALS

CRITERION 75 WSP Insecticide is for use on ornamentals in commercial and residential landscapes and interior plantscapes. CRITERION 75 WSP Insecticide is a systemic product and will be translocated upward into the plant system from root uptake. To assure optimum effectiveness, the product must be placed where the growing portion of the target plant can will be delayed until the delayed where the growing portion of the larget plant can absorb the active ingredient. The addition of a nitrogen containing fertilizer, where applicable, into the solution may enhance the uptake of the active ingredient. Application can be made by foliar application or soil applications; including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against insect pests. When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this translocation delay could take 60 days or longer. For this reason, make application prior to anticipated pest infestation to achieve optimum levels of control.

RESTRICTION: Outdoor applications cannot exceed a total of 8.53 oz (0.4 lb of active ingredient) per acre per year.

ANT MANAGEMENT PROGRAMS

Use Criterion 75 WSP insecticide to control aphids, scale insects, mealybugs and other listed sucking pests on ornamentals to limit the honeydew available as a food source for ant populations. Criterion 75 WSP insecticide applications can be supplemented with residual sprays, bait placements or other ant control tactics to further reduce the pest population.

APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS

CRITERION 75 WSP Insecticide mixes readily with water and may be used in many types of application equipment. Mix product with the required amount of water and apply as desired dependent upon the selected use pattern.

When making foliar applications on hard to wet foliage such as holly, pine, or ivy, the addition of a spreader/sticker is recommended. If concentrate or mist type spray equipment is

When making foliar applications on hard to wet foliage such as holly, pine, or ivy, the addition of a spreader/sticker is recommended. If concentrate or mist type spray equipment is used, apply an equivalent amount of product on the area sprayed, as would be used in a dilute application.

MIXING: Within each container are clear inner packets containing CRITERION 75 WSP Insecticide. The clear inner packet is water-soluble. Do not allow packets to become wet prior to adding to the spray tank. Do not handle the clear inner packets with wet hands or wet gloves. Rough handling may cause breakage. Reseal container to protect remaining packets. To prepare the spray mixture, drop the required number of unopened clear water-soluble packets, as determined in the application rate chart, into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they are added to the water. Cooler water temperatures increase the time needed for the inner packet to dissolve completely.

RESTRICTION: Do not use Criterion 75 WSP Insecticide packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic, which is not soluble in water or solvents such as diesel oils, kerosene, gasoline, or alcohol. Do not attempt to use the WSP packets directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water-soluble not oil soluble. Use of chlorinated water is acceptable.

Criterion 75 WSP Insecticide has been found to be compatible with commonly used fungicides, miticides, liquid fertilizers, and other commonly used insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

SITE		PEST		APPLICATION RATE		
TURFGRASSES (Residential home lawns, business and office com- plexes, shopping complexes, multi-	Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbug Black turfgrass ataenius	Cutworm (suppression) European chafer European Crane Fly Green June beetle Japanese beetle	Northern masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	1.6 oz (1 Packet) per 8,250 to 11,000 sq ft		
amily residential complexes, golf	For optimum control of grubs, billbugs, annual bluegrass weevil, and European crane fly larvae, make application prior to egg hatch of the target pest. Be sure to read "Application Equipment for Use on Turfgrass" Section of this label.					
ourses, airports,	Chinchbug (suppression) Mole cricket 1.6 oz (1 packet) per 8,250 sq ft					
cemeteries, parks, play- grounds, athletic fields)	For control of mole crickets, make a	ely tunneling, apply CRITERION 75 W	cean hatch period. If application is not n	nade prior to egg hatch or when adults or edial insecticide to minimize damage to		

DIRECTIONS FOR USE ON TURFGRASSES IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL AREAS (cont.)

Consult your local State Agricultural Experiment Station, or State Extension Turf Specialists for more specific information regarding timing of application. For optimum control, if rainfall does not occur within 24 hours after application, irrigate to move the active ingredient through the thatch.

RESTRICTIONS:

- Do not apply more than 8.53 oz (0.4 lb of active ingredient) per acre per year.
 Do not apply more than 8.53 oz (0.4 lb of active ingredient) per acre per year.
 Do not mow turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.
 Do not allow this product to contact plants in bloom while bees are foraging the treatment area.
 Do not graze treated areas or use clipionings from treated areas for feed or forage.
 Do not allow tunnof or puddling of irrigation water following application.
 Keep children and pets off treated area until dry.
 Do not apply CRITERION 75 WSP Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.

DIRECTION	DIRECTIONS FOR USE ON SOD FARMS			
CROP		PEST		APPLICATION RATE
TURFGRASSES (Sod Farms)	Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbug	Cutworm (suppression) European chater European Crane Fly Green June beetle Japanese beetle	Northern masked chafer Oriental beetle Phyllophaga spp. Southern masked chafer	1.6 oz (1 Packet) per 8,250 to 11,000 sq ft
	For optimum control of grubs, billbugs, annual bluegrass weevil, and European crane fly larvae, make application prior to egg hatch of the target pest. Be sure to read "Application Equipment for Use on Turfgrass" Section of this label.	al bluegrass weevil, and Europear Jse on Turfgrass" Section of this Is	n crane fly larvae, make application prior abel.	to egg hatch of the target pest.
	Chinchbug (suppression)	Mole cricket		1.6 oz (1 packet) per 8,250 sq ft
	For suppression of chinchbugs, make application prior to hatching of the first instar nymphs. For control of mole crickets, make application prior to or during the peak egg hatch period. If application is not made prior to egg hatch or when adults or large nymphs are present and actively tunneling, apply CRITERION 75 WSP Insecticide in combination with a remedial insecticide to minimize damage to turf. Follow label instructions for other insecticides when tank mixing.	ation prior to hatching of the first in prior to or during the peak egg apply CRITERION 75 WSP Insecticis when tank mixing.	ppression of chinchbugs, make application prior to hatching of the first instar nymphs. In a polication is not made prior to egg hatch or when adults of mole crickets, make application prior to or during the peak egg hatch period. If application is not made prior to egg hatch or when adults ha are present and actively tunneling, apply CRITERION 75 WSP Insecticide in combination with a remedial insecticide to minimize damage to turf. I label instructions for other insecticides when tank mixing.	rior to egg hatch or when adults or large icide to minimize damage to turf.

Consult your local State Agricultural Experiment Station, or State Extension Turf Specialists for more specific information regarding timing of application.

For optimum control, if rainfall does not occur within 24 hours after application, irrigate to move the active ingredient through the thatch.

• Do not allow this product to contact plants in bloom while bees are foraging the treatment area.

• Do not allow this product to contact plants in bloom while bees are foraging the treatment area.

• Do not allow runoff or puddling of irrigation water following application.

• Do not allow runoff or puddling of irrigation water following are water logged or saturated, which will not allow penetration into the root zone of the plant.

DIRECTIONS FOR APPLICATION TO OUTDOOR ORNAMENTALS IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL LANDSCAPE AREAS

ſ				
		PEST		APPLICATION RATE
AP Po	Vdelgids (including hemlock woolly adelgid) Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs) Leaf-feeding beetles (Japanese beetle, Leafhoppers, planthoppers, sharpshooters emerald ash borer and vine weevil adults) (including glassy-winged sharpshooter) and spittle bugs)	Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs) Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs)	Mealybugs Psyllids Sawfly larvae Thrips (follage only) Wniteflies	1.6 oz (1 packet) per 300 gallons of water
교	'oliar Applications: Start treatments prior to establishment of high pest populations and reapply on an as needed basis.	shment of high pest populations and reap	oly on an as needed basis.	
⊗ 8	White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle) per 8,250 to 11,000 sq ft	ra spp. Asiatic garden beetle, Oriental bee	(9)	1.6 oz (1 packet) per 8,250 to 11,000 sq ft
m 5	roadcast Applications: Mix required amount of pro allons of water per 1,000 sq ft. For optimum control,	oduct in sufficient water to uniformly and irrigate thoroughly to incorporate CRITEF	accurately cover the area bein ION 75 WSP Insecticide into th	g treated. Do not use less than 2 e upper soil profile.

- **RESTRICTIONS:
 Follow application restrictions for Non-Agricultural Uses on page 1 to protect bees and other insect pollinators
 Do nor apply more than 8.53 oz (0.4 b of active ingredient) per acre per year.
 Keep children and pels off treated area until dry.
 Do not apply this product, by any application method, to linden, basswood, or other Tilia species.

SITE		PEST		APPLICATION RATE	
Interior plantscapes	Adelgids (including hemlock woolly adelgid) Aphids Leaf-feeding beetles (Japanese beetle, emerald ash borer and vine weevil adults)	Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs) Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs)	Mealybugs Psyllids Sawfly larvae Thrips (foliage only) Whiteflies	1.6 oz (1 packet) per 300 gallons of water	
	Foliar Applications: Start treatments prior to				
	White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle) 1.6 oz (1 packet) per 8,250 to 11,000 sq ft				
	Broadcast Applications: Mix required amou gallons of water per 1,000 sq ft. For optimum	nt of product in sufficient water to uniformly and accurat a control, irrigate thoroughly to incorporate CRITERION 75	tely cover the area being to WSP Insecticide into the u	eated. Do not use less than 2 oper soil profile	

DIRECTIONS FOR APPLICATION TO TREES AND SHRUBS BY SOIL DRENCH AND SOIL INJECTION

For use in and around the perimeter of industrial and commercial buildings, in residential and recreational areas, and in municipal, city, state, national, and private wooded and forested areas.

Trees and Shrubs	1.6 oz (1 packet) CRITE	ERION 75 WSP Insecticide per 24 to 48 inches of cumulative trunk	diameter or 24 to 48 feet of	cumulative shrub height
Adelgids (including hemle Aphids Leaf-feeding beetles (including wine weevil adults)	ock woolly adelgid) luding Japanese beetle and	Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs) Leafhoppers, planthoppers, sharpshooters (including glassy- winged sharpshooter) and spittle bugs	Leafminers Mealybugs Pine tip moth larvae Psyllids	Royal palm bug Sawfly larvae Soft scales Whiteflies

Trees and Shrubs 1.6 oz (1 packet) CRITERION 75 WSP Insecticide per 24 inches of cumulative trunk diameter or 24 feet of cumulative shrub height

Armored scales (including: camellia, false oleander, Florida red, oystershell, tea. and white peach scales)

Flatheaded borers (including emerald ash borer)

Roundheaded borers (including Asian longhorned beetle)

Thrips (foliage only)

White grub, billbug, and root weevil larvae

Example equation: [x (total DBH inches of a tree)/ y (cumulative trunk diameter rate to be applied)] * 1.6 oz (1 packet) = total oz of product per tree.

Examples of single tree calculations:

To calculate the rate range with a 12 inch DBH tree:

(12/48) * 1.6 oz. (1 packet) = 0.4 oz per tree

(12/24) * 1.6 oz. (1 packet) = 0.8 oz per tree

If treating multiple trees at a similar rate, add the DBH of the trees together and divide by rate to be applied.

Example of multiple trees using similar rate of 48 (y): 3 trees with DBH of 8, 10, & 9 inches. Total cumulative inches of DBH is 27 (x).

(27/48) * 1.6 oz. (1 packet) = 0.9 oz total for all three trees.

Soil Injection: GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.

Soil Drench: Uniformly apply the dosage in no less than 10 gallons of water per 1000 square feet as a drench around the base of the tree, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.

For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress. RESTRICTIONS:

- No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York,
- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.
- · Keep children and pets off treated area until dry.
- Do not apply CRITERION 75 WSP Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.
- . Do not apply this product, by any application method, to linden, basswood, or other Tilia species.

TREES: DIRECTIONS FOR SOIL APPLICATIONS FOR TREES WITH A 15 INCH OF TRUNK DIAMETER AT BREAST HEIGHT (D.B.H.) OR GREATER TO TREAT THE PESTS LISTED BELOW

Use the following rates as a function of tree DBH. Apply 1.6 oz (1 packet) of Criterion 75 WSP Insecticide per 12 to 48 inches of cumulative trunk diameter for tree(s) intended to be treated. You may use the higher rate of 1.6 oz (1 packet) of Criterion 75 WSP Insecticide per cumulative trunk diameter (12 inches to less than 24 inches) only to control the pests listed below.

RESTRICTION: Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year

DBH = is measured 4.5 feet from the ground

Emerald Ash Borer

Bronze birch borer

Asian Longhorned Beetle

Eucalyptus Longhorned Borer

Alder Borer

<u> Irees: Directions for soil applications for trees with a 15 inch of trunk diameter at Breast</u> HEIGHT (D.B.H.) OR GREATER TO TREAT THE PESTS LISTED BELOW (cont.)

Example equation: [x (total DBH inches of a tree)/ y (cumulative trunk diameter rate to be applied)] * 1.6 oz (1 packet) = total oz of product per tree. Calculation examples for a single tree with a DBH greater than 15 inches:

fo calculate the higher rate range with a 30 inch DBH tree:

30/12) * 1.6 oz. (1 packet) = 4 oz per tree

To calculate the lower rate range with a 30 inch DBH tree:

(30/48) * 1.6 oz. (1 packet) = 1 oz per tree

Calculation examples for multiple trees with a DBH greater than 15 inches:

To calculate the higher rate range for multiple trees, add the DBH of the trees together and divide by rate to be applied. Example of multiple trees using similar rate of 12 (y): 3 trees with DBH of 15, 20, & 25 inches. Total cumulative inches of DBH is 60 (x).

(60/12) * 1.6 oz. (1 packet) = 8 oz for all three trees. To calculate the lower rate to be applied. To calculate the lower rate range for multiple trees, add the DBH of the trees together and divide by rate to be applied. Example of multiple trees using similar rate of 48 (y): 3 trees with DBH of 15, 20, & 25 inches. Total cumulative inches of DBH is 60 (x). (60/48) * 1.6 oz. (1 packet) = 2 oz for all three trees.

Soil Injection: GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.

Soil Drench: Uniformly apply the dosage in no less than 10 gallons of water per 1000 square feet as a drench around the base of the tree, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.

For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

- No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.
 - Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year
 - Keep children and pets off treated area until dry.
- Do not apply CRITERION 75 WSP Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.
 - Do not apply this product, by any application method, to linden, basswood, or other Tilia species.

DIRECTIONS FOR GROUND TREATMENT PREPLANTING

1.6 oz (1 packet) CRITERION 75 WSP Insecticide per 8,250 to 11,000 sq ft **GROUND TREATMENT PREPLANTING**

Apply as a broadcast treatment and incorporate into the soil before planting.

RESTRICTION:

- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.
 - Keep children and pets off treated area until dry.
- Do not apply CRITERION 75 WSP Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.

DIRECTIONS FOR FOLIAR APPLICATION TO POME FRUITS, PECANS, AND GRAPES GROWN IN RESIDENTIAL AREAS

SITE	PEST		APPLICATION	RATE
Pome Fruits Apple Pear Crabapple Pear (oriental) Loquat Quince Mayhaw	Aphids (except Wooly apple aphid) Leafhoppers (including glassy-winged sharpshooter) Leafminer	Mealybugs* San Jose Scale*	1.6 oz (1 packet) per 300 gal- lons of water	2.1 oz per acre¹

Apply specified dosage as foliar spray as needed after petal-fall is complete.

For control of rosy apple aphid, apply prior to leafrolling caused by the pest.

For first generation learminer control, make first application as soon as petal-fall is complete. Greatest learminer control will result from the earliest possible application. For second and succeeding generations of leafminer, optimal control is obtained from applications made early in the adult flight against egg and early instar larvae. A second application may be required 10 days later if severe pressure continues or if generations are overlapping. A single application may result in suppression only. CRITERION 75 WSP Insecticide will not control late stage larvae.

For San Jose Scale, time applications to the crawler stage. Treat each generation.
For late season (preharvest) control of leafhopper species, apply CRITERION 75 WSP Insecticide while most leafhoppers are in the nymphal stage.

- Follow application restrictions for Non-Agricultural Uses on page 1 to protect bees and other insect pollinators.
 For optimal control of mealybug, ensure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.
 Do not apply more than 2.1 oz per acre in a single application.
- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year
- · Allow 10 or more days between applications.
- Allow at least 7 days between last application and harvest.
 *Not for use in California for control on pears.
- · Keep children and pets off treated area until dry.

Pecans*	Yellow pecan aphid Black margined aphid	Pecan leaf phylloxera Pecan spittlebug	Pecan stem phylloxera	1.6 oz (1 packet) per 300 gal of water	2.1 oz per acre¹
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Make foliar applications as pests begin to build before populations become extreme. Two applications at a 10 to 14 day interval may be required to achieve control. Scout and retreat

Thorough uniform coverage of foliage is necessary for optimal control. Addition of an organosilicone-based spray adjuvant at a rate not to exceed the adjuvant manufacturer's use rate may improve coverage,

RESTRICTIONS:

- Follow application restrictions for Non-Agricultural Uses on page 1 to protect bees and other insect pollinators.
 Do not apply more than a total of 6.3 oz of CRITERION 75 WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- · Allow 10 or more days between applications.
- Allow at least 7 days between last application and harvest.
 Keep children and pets off treated area until dry.

The amount of CRITERION 75 WSP Insecticide required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees.

*Use on pecans not permitted in California unless directed by state-specific 24(c) supplemental labeling.

SITE	PEST	PEST APPLICATION RATE		E
Grapes	Leafhoppers (including glassy-winged sharpshooter)	Mealybugs	1.6 oz (1 packet) per 300 gal of water	1.0 oz per acre

Apply specified dosage as a foliar spray using 200 gallons of water per acre.

- Follow application restrictions for Non-Agricultural Uses on page 1 to protect bees and other insect pollinators.
 Do not apply more than a total of 2.0 oz of CRITERION 75 WSP Insecticide per acre per year.
- Allow at least 14 days between applications.
- . Applications may be applied up to and including day of harvest,
- . Keep children and pets off treated area until dry.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. out of the reach of children, preferably in a locked storage area, riainite and open container in a manner as to prevent spillage, if the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 1-800-424-9300.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Offer for recycling, if available or dispose of empty container in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke,

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury or other property damage, or other unintended consequences may result because of factors beyond the control of Bayer CropScience LP such as weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

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Produced for: **Bayer Environmental Science** A Division of Bayer CropScience LP 2 T. W. Alexander Drive Research Triangle Park, NC 27709



CRITERION™ 75 WSP INSECTICIDE

Version 3.0 / USA 102000007120

Revision Date: 12/04/2018 Print Date: 12/05/2018

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name CRITERION™ 75 WSP INSECTICIDE

Product code (UVP) 04399455

SDS Number 102000007120

EPA Registration No. 432-1318

Relevant identified uses of the substance or mixture and uses advised against

Use Insecticide

Restrictions on useSee product label for restrictions.

Information on supplier

Supplier Bayer Environmental Science

2 T.W. Alexander Drive

Research Triangle PK, NC 27709

USA

Responsible Department

Email: SDSINFO.BCS-NA@bayer.com

Emergency telephone no.

Emergency Telephone Number (24hr/ 7 days) 1-800-334-7577

Product Information Telephone Number

1-800-331-2867

SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

Acute toxicity(Oral, Inhalation): Category 4

Combustible dust

Labelling in accordance with regulation HCS 29CFR §1910.1200



Signal word: Warning

Hazard statements

Harmful if swallowed. Harmful if inhaled.

May form combustible dust - air mixtures. Conduct Dust Hazard Assessment (DHA).



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Precautionary statements

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid breathing dust.

Use only outdoors or in a well-ventilated area.

IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.

Rinse mouth.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor/physician if you feel unwell.

Dispose of contents/container in accordance with local regulation.

Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified. No health hazards not otherwise classified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component Name	CAS-No.	Concentration % by weight
Imidacloprid	138261-41-3	75.0
Sodium lignosulphonate	8061-51-6	5.0
Naphthalenesulfonic acid, bis(1-methylethyl)-, Me derivs., sodium salts	68909-82-0	3.2
	00909-02-0	3.2

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice When possible, have the product container or label with you when

calling a poison control center or doctor or going for treatment.

Inhalation Move to fresh air. If person is not breathing, call 911 or an ambulance,

then give artificial respiration, preferably mouth-to-mouth if possible.

Call a physician or poison control center immediately.

Skin contact Take off contaminated clothing and shoes immediately. Wash off

immediately with plenty of water for at least 15 minutes. Call a

physician or poison control center immediately.

Eye contact Hold eye open and rinse slowly and gently with water for 15-20

minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center

immediately.

Ingestion Call a physician or poison control center immediately. Rinse out mouth

and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim

unattended.

Most important symptoms and effects, both acute and delayed

Symptoms To date no symptoms are known.



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Indication of any immediate medical attention and special treatment needed

Treatment Appropriate supportive and symptomatic treatment as indicated by the

patient's condition is recommended. There is no specific antidote.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Water, Carbon dioxide (CO2), Foam, Dry chemical

Unsuitable High volume water jet

Advice for firefighters

Special protective

Firefighters should wear NIOSH approved self-contained breathing equipment for firefighters

apparatus and full protective clothing.

Further information Keep out of smoke. Fight fire from upwind position. Cool closed

containers exposed to fire with water spray. Do not allow run-off from

fire fighting to enter drains or water courses.

Flash point Not applicable

Auto-ignition temperature No data available Lower explosion limit Not applicable Upper explosion limit Not applicable

Explosivity No data available

Dust explosion class No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions Keep unauthorized people away. Isolate hazard area. Avoid contact

with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up

Methods for cleaning up Avoid dust formation. Sweep up or vacuum up spillage and collect in

suitable container for disposal. Clean contaminated floors and objects

thoroughly, observing environmental regulations.

Additional advice Use personal protective equipment. If the product is accidentally

spilled, do not allow to enter soil, waterways or waste water canal. Do

not allow product to contact non-target plants.

Reference to other sections Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.



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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle and open container in a manner as to prevent spillage. Use only

in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Hygiene measures Wash hands thoroughly with soap and water after handling and before

eating, drinking, chewing gum, using tobacco, using the toilet or

applying cosmetics.

Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before

using again. Wash thoroughly and put on clean clothing.

Contaminated work clothing should not be allowed out of the workplace. Remove contaminated clothing immediately and dispose of safely.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in original container. Store in a place accessible by authorized persons only. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Protect from freezing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Imidacloprid	138261-41-3	0.7 mg/m3		OES BCS*
		(TWA)		

^{*}OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

Exposure controls

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection When respirators are required, select NIOSH approved equipment

based on actual or potential airborne concentrations and in

accordance with the appropriate regulatory standards and/or industry

recommendations.

Hand protection Chemical resistant nitrile rubber gloves

Eye protection Tightly fitting safety goggles

Skin and body protectionWear long-sleeved shirt and long pants and shoes plus socks.

General protective measures Follow manufacturer's instructions for cleaning/maintaining PPE. If



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no such instructions for washables, use detergent and warm/tepid

water.

Keep and wash PPE separately from other laundry.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance white to light beige

Physical State powder
Odor none

Odour Threshold No data available

pH 7 (1 %)

suspension in water

Vapor Pressure No data available
Vapor Density (Air = 1) No data available

Bulk density 30 lb/ft³ (bulk density tapped)

Evaporation rate

Boiling Point

Not applicable

Melting / Freezing Point

Not applicable

Water solubility

Not applicable

dispersible

Minimum Ignition Energy > 100 - < 300 mJ

Decomposition temperature

No data available

Partition coefficient: n-

octanol/water

No data available

Viscosity

Flash point

Auto-ignition temperature

Lower explosion limit

Upper explosion limit

Explosivity

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

No data available

No data available



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SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous

reactions

No hazardous reactions when stored and handled according to

prescribed instructions.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

No data available

Hazardous decomposition

products

Hydrogen cyanide (hydrocyanic acid)

Carbon monoxide Nitrogen oxides (NOx) Hydrogen chloride (HCl)

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes Ingestion, Eye contact, Skin contact, Skin Absorption, Inhalation

Immediate Effects

Eye

Causes eye irritation.

Skin

Harmful if absorbed through skin.

IngestionHarmful if swallowed.InhalationHarmful if inhaled.

Information on toxicological effects

Acute oral toxicity

LD50 (male Rat) 2,591 mg/kg LD50 (female Rat) 1,858 mg/kg

Acute inhalation toxicity

LC50 (male Rat) 2.65 mg/l

Exposure time: 4 h

Determined in the form of liquid aerosol.

(actual)

LC50 (female Rat) 2.75 mg/l

Exposure time: 4 h

Determined in the form of liquid aerosol.

(actual)

Acute dermal toxicity

LD50 (male/female combined Rat) > 2,000 mg/kg

Skin corrosion/irritation

slight irritation (Rabbit)

Serious eye damage/eye

ong... (.

irritation

Minimally irritating. (Rabbit)

Respiratory or skin

Non-sensitizing. (Guinea pig)



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sensitisation

Assessment STOT Specific target organ toxicity - repeated exposure

Imidacloprid did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.

ACGIH

None.

NTP

None.

IARC

None.

OSHA

None.

Assessment toxicity to reproduction

Imidacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Imidacloprid is related to parental toxicity.

Assessment developmental toxicity

Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity.

Further information

Only acute toxicity studies have been performed on the formulated product.

The non-acute information pertains to the active ingredient(s).

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)) 211 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient imidacloprid.

Toxicity to aquatic invertebrates

EC50 (Daphnia magna (Water flea)) 85 mg/l

Exposure time: 48 h

The value mentioned relates to the active ingredient imidacloprid.

EC50 (Chironomus riparius (non-biting midge)) 0.0552 mg/l

Exposure time: 24 h

The value mentioned relates to the active ingredient imidacloprid.



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Chronic toxicity to aquatic

invertebrates

EC10 (Chironomus riparius (non-biting midge)): 2,09 μg/l

Exposure time: 28 d

The value mentioned relates to the active ingredient imidacloprid.

Toxicity to aquatic plants

IC50 (Desmodesmus subspicatus (green algae)) > 10 mg/l

Growth rate; Exposure time: 72 h

The value mentioned relates to the active ingredient imidacloprid.

Biodegradability

Imidacloprid:

Not rapidly biodegradable

Koc

Imidacloprid: Koc: 225

Bioaccumulation

Imidacloprid:

Does not bioaccumulate.

Mobility in soil

Imidacloprid: Moderately mobile in soils

Additional ecological

information

No further ecological information is available.

Environmental precautions

Do not apply directly to water, to areas where surface water is present

or to intertidal areas below the mean high water mark.

Do not contaminate surface or ground water by cleaning equipment or

disposal of wastes, including equipment wash water.

Do not allow to get into surface water, drains and ground water.

Do not apply this product or allow it to drift to blooming crops or weeds if

bees are visiting the treatment area.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product Pesticide, spray mixture or rinse water that cannot be used according to

label instructions may be disposed of on site or at an approved waste

disposal facility.

Dispose in accordance with all local, state/provincial and federal

regulations.

Contaminated packaging Puncture container to avoid re-use.

Dispose of empty container in a sanitary landfill or by incineration, or, if

allowed by State/Provincial and local authorities, by burning.

If burned, stay out of smoke.

Follow advice on product label and/or leaflet.

RCRA Information Characterization and proper disposal of this material as a special or

hazardous waste is dependent upon Federal, State and local laws and

are the user's responsibility. RCRA classification may apply.



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SECTION 14: TRANSPORT INFORMATION

49CFR Not dangerous goods / not hazardous material

IMDG

UN number 3077
Class 9
Packaging group III
Marine pollutant YES

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(IMIDACLOPRID MIXTURE)

IATA

UN number 3077
Class 9
Packaging group III
Environm. Hazardous Mark YES

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(IMIDACLOPRID MIXTURE)

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

Freight Classification: INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN

POISON

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-1318

US Federal Regulations

TSCA list

Sodium lignosulphonate 8061-51-6 Naphthalenesulfonic acid, bis(1-68909-82-0

methylethyl)-, Me derivs., sodium salts

Sodium aluminium silicate 1344-00-9

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D) Not applicable.

SARA Title III - Section 302 - Notification and Information

None.

SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

US States Regulatory Reporting

CA Prop65

This product does not contain any substances known to the State of California to cause cancer.



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This product does not contain any substances known to the State of California to cause reproductive harm.

US State Right-To-Know Ingredients

Sodium aluminium silicate 1344-00-9 CA, MN

EPA/FIFRA Information:

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 required on the pesticide label:

Signal word: Caution!

Hazard statements: Harmful if swallowed, inhaled or absorbed through the skin.

Causes eve irritation.

Avoid contact with skin, eyes and clothing.

Avoid breathing dust or vapour.

Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before re-use.

Do not allow children or pets to enter the treated area until it has

dried.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

49CFR Code of Federal Regulations, Title 49
ACGIH US. ACGIH Threshold Limit Values

ATE Acute toxicity estimate

CAS-Nr. Chemical Abstracts Service number

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

EINECS European inventory of existing commercial substances

ELINCS European list of notified chemical substances IARC International Agency for Research on Cancer IATA International Air Transport Association IMDG International Maritime Dangerous Goods

N.O.S. Not otherwise specified

NTP US. National Toxicology Program (NTP) Report on Carcinogens OECD Organization for Economic Co-operation and Development

TDG Transportation of Dangerous Goods

TWA Time weighted average

UN United Nations

WHO World health organisation



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NFPA 704 (National Fire Protection Association):

Health - 1

Flammability - 1

Instability - 1

Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1

Flammability - 1

Physical Hazard - 1

PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: The following sections have been revised: Section 2: Hazards Identification. Section 3: Composition / Information on Ingredients. Reviewed and updated for general editorial purposes.

Revision Date: 12/04/2018

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