

LICENSED

PERIOD 2014-2016 LIC. NO.

8311.6

CYFLUFENAMID 10 SC FUNGICIDE

**A Specialty Fungicide for Powdery Mildew Control
in Outdoor Landscape and Outdoor Nursery Ornamentals**

Active Ingredient:

cyflufenamid;

(Z)-N-(α -cyclopropylmethoxyimino-2,3-difluoro-6-trifluoromethylbenzyl)-2-phenylacetamide... 10%

Inert Ingredients.....90%

Total.....100%

Contains 0.85 lbs of cyflufenamid active ingredient per gallon

EPA Reg. No. 8033-104

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN

CAUTION

**Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label find someone to explain it to you in detail.)**

For Medical and Transportation Emergencies ONLY call CHEMTREC at 1-800-424-9300

FIRST AID	
If on Skin or Clothing:	<input type="checkbox"/> Take off contaminated clothing. <input type="checkbox"/> Rinse skin immediately with plenty of water for 15-20 minutes. <input type="checkbox"/> Call a poison control center or doctor for treatment advice.
If Swallowed:	<input type="checkbox"/> Call a poison control center or doctor immediately for treatment advice. <input type="checkbox"/> Have person sip a glass of water if able to swallow. <input type="checkbox"/> Do not induce vomiting unless told to by a poison control center or doctor. <input type="checkbox"/> Do not give anything to an unconscious person.
If in Eyes:	<input type="checkbox"/> 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. <input type="checkbox"/> Call a poison control center or doctor for treatment advice.
If Inhaled:	<input type="checkbox"/> Move person to fresh air. <input type="checkbox"/> If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. <input type="checkbox"/> Call a poison control center or doctor for further treatment advice.
For MEDICAL EMERGENCIES call CHEMTREC at 1-800-424-9300.	
Have the product container or label with you when calling a poison center or doctor or going for treatment	
NOTE TO PHYSICIAN: There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.	

Net Contents: _____ fl.oz.

Batch No. _____

Nippon Soda Co., Ltd.
2-1,2-Chome Ohtemachi
Chiyoda-ku, Tokyo 100-8165 Japan

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

Users should 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 pesticide is toxic to fish and 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

SPRAY DRIFT

Avoid spray drift. Do not apply when weather conditions may cause drift. Do not allow this product to drift on to non-target areas. To avoid spray drift, DO NOT apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. For aerial application, select nozzles and pressure that deliver **MEDIUM** spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE Standard S-572. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions. The following drift management requirements must be followed to avoid off-target movement from aerial applications to agricultural crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Use the largest droplet size consistent with good pest control. Small droplets are more prone to spray drift and can be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Where states have more stringent regulations, they should be observed.

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

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.

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 intervals. 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 4 hours.

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 long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves.

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 WPA applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated area until sprays have dried.

COMPATIBILITY

CYFLUFENAMID 10 SC FUNGICIDE, when diluted with an equal volume of water, is physically compatible with a wide range of commonly used spray products, but the full range of compatibilities under local conditions is not known. Therefore, it is essential that before using CYFLUFENAMID 10 SC FUNGICIDE in any tank mixture the compatibility of the mixture be established. Add a small amount of this product to an equal volume of water in a small container and then add the other pesticide or spray product and mix thoroughly. DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GREASE. FOR BEST RESULTS, SPRAY MIXTURES SHOULD BE USED IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.

DIRECTIONS FOR FOLIAR SPRAY APPLICATION

CYFLUFENAMID 10 SC FUNGICIDE is a 10% suspension concentrate for the control of powdery mildew on the crops listed on this label. Thorough spray coverage is essential for optimal performance.

Users must read, understand, and follow the label use rates and restrictions. Minimum label rates may be used under low disease pressure conditions while maximum label rates and shortened spray intervals are recommended under high disease pressure. For application, determine the number of acres to be treated, the recommended label use rate, and the spray volume per acre. Prepare only the amount of spray solution that is necessary to spray the measured acres. Calibrate spray equipment prior to use.

For optimal disease control use thorough spray coverage. Good spray coverage is a function of spray pressure, spray volume per acre, nozzle type and spacing and application equipment speed. Calibrate spray equipment prior to use.

CHEMIGATION

Do not apply this product through any type of irrigation system.

MIXING INSTRUCTIONS

Recommended Mixing and Application Instructions for CYFLUFENAMID 10 SC FUNGICIDE

CYFLUFENAMID 10 SC FUNGICIDE is a liquid suspension concentrate formulation that readily disperses in water to form a spray mixture, which may be applied by ground or air.

1. Plan ahead. Prepare only enough spray mixture as can be applied on the day of mixing.
2. Fill tank $\frac{1}{4}$ - $\frac{1}{2}$ full with the required amount of total spray volume of water.
3. Shake the product container well before using. Begin agitation and add product.
4. Continue to fill tank.
5. Allow mixing in tank for 2 minutes after filling or until thoroughly mixed before applying.
6. Maintain continuous agitation during mixing and application to assure uniform suspension. If mixture sits without agitation for extended periods, agitate the mixture for at least 10 minutes before use.
7. Equip spray system with a 50-mesh inline filter, which will protect nozzles that are typically used. Nozzles may also be equipped with 50-mesh nozzle filters or 25 to 50 mesh (equivalent) slotted nozzle filters.
8. CYFLUFENAMID 10 SC FUNGICIDE may be unstable in water pH below 4 and above 9. If necessary, buffer water to obtain optimum pH range.

Special Instructions for Tank Mixing CYFLUFENAMID 10 SC FUNGICIDE

When tank mixing CYFLUFENAMID 10 SC FUNGICIDE with other products, introduce the products into the tank in the following order: (1) water soluble packets (2) wettable

powders (3) water dispersible granules (4) flowable liquids (such as CYFLUFENAMID 10 SC FUNGICIDE (5) emulsifiable concentrates and (6) adjuvants and/or oils. Always allow each product to fully disperse before adding the next product.

DISEASE RESISTANCE MANAGEMENT

The number of sprays of CYFLUFENAMID 10 SC FUNGICIDE per crop is not to exceed 50% of the total number of sprays for powdery mildew. It is recommended that CYFLUFENAMID 10 SC FUNGICIDE applications be alternated with other mode of action fungicides. When more than one application of CYFLUFENAMID 10 SC FUNGICIDE is made per crop, at least one of the applications must be with a powdery mildewicide of a different mode of action. Apply the alternate product or tank-mix within 14-21 days of applying CYFLUFENAMID 10 SC FUNGICIDE.

To delay development of resistance, the following practices are suggested:

- Base fungicide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitor treated disease populations for decreases in efficacy.
- Use tank mixes or premixes of registered fungicides from different mode of action groups.
- Limit the consecutive use of CYFLUFENAMID 10 SC FUNGICIDE.
- Contact your local extension specialist, certified crop advisor, and/or pesticide manufacturer for resistance management recommendations for specific crops and resistant pathogens.

CROP TOLERANCE

Since ornamental varieties are numerous, constantly changing, and may react differently at various sites, test the product and any tankmixes on a small scale before making large-scale applications if there is not local experience.

OUTDOOR LANDSCAPE AND NURSERY ORNAMENTALS

CYFLUFENAMID 10 SC is a fungicide for control of certain powdery mildews on outdoor landscape and nursery ornamentals. For optimal disease control, use thorough spray coverage of all foliage on a protective spray schedule.

Apply CYFLUFENAMID 10 SC FUNGICIDE at a rate of 1.7 to 3.4 fl oz per acre on a 14 to 21 day spray schedule in sufficient finished spray volume appropriate for the size of the plants and amount of foliage (20 to 300 gallons of finished spray per acre). Use the higher labeled rates and the shorter spray interval under conditions of high disease pressure and/or optimum conditions for infection.

For use on the following outdoor ornamental and outdoor nursery crops:

abelia, acalypha (copper-leaf), achillea (yarrow), ageratum, amelanchier (juneberry, shadbush), amorpha (false indigo), aster, azalea, barberry, begonia, bellflower, bittersweet, buckeye, buttonbush, California poppy, catalpa, flowering cherry, horse chestnut, cosmos, flowering crabapple, crepe-myrtle, dahlia, delphinium, dogwood, elm, euonymus, fleabane, gaillardia, gardenia, geranium, gerbera daisy, ornamental gourd, grape leaf ivy, hackberry, hawthorn, hibiscus, holly, hollyhock, honeysuckle, lilac, locust, maple (not for sugar production), mock-orange, mountain laurel, oak, pansy, flowering pear, petunia, phlox, photinia, privet, rhododendron, rose, salvia, sedum, snapdragon, spirea, sunflower (seeds from treated plants may not be used for food or feed), sycamore, trumpet creeper, viburnum, walnut (nuts from treated trees may not be used for food purposes), willow, and zinnia.

Specific Use Restrictions:

- Do not apply more than 3.4 fl oz of CYFLUFENAMID 10 SC FUNGICIDE (0.022 lb a.i.) per acre per application.
- Do not apply more than two (2) applications of CYFLUFENAMID 10 SC FUNGICIDE per year.
- Do not use treated plant material for food or feed.

STORAGE AND DISPOSAL

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

STORAGE: Store unused product in original container only, out of reach of children and animals.

DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents in application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitation 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 should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Nippon Soda Co., Ltd. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Nippon Soda Co., Ltd. makes no other warranties, express or implied, or merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Nippon Soda Co., Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Nippon Soda Co., Ltd. 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 Nippon Soda Co., Ltd's election, the replacement of product.