033-10¢	( 6/27/2012	(	
UNITED STARG	U S ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs	EPA Reg Number 8033 104	Date of Issuance JUN 27 2012
A denci	Registration Division (7505P) 1200 Pennsylvania Ave NW	Term of Issuance	
AL PROTECT	Washington DC 20460	Conditional	
NOTICE OF PESTI <u>x</u> Registrati (under FIFRA as amended)	ion	Name of Pesticide Pro Cyflufenamid	<sup>oduct</sup> 10 SC Fungıcıde
Name and Address of Registrar	nt (include ZIP Code)		
Mr John Wrubel Nisso America Inc 88 Pine Street 14 <sup>th</sup> F New York NY 1000			
->	Fing in substance from that accepted in connection with this regist of in commerce In any correspondence on this product always reference $f$	ъ	
On the basis of information fur Act	nished by the registrant the above named pesticide is hereby regis	tered under the Federal Ins	ecticide Fungicide and Rodenticide
the Administrator on his motio	construed as an endorsement or recommendation of this product be n may at any time suspend or cancel the registration of a pesticide of a product under this Act is not to be construed as giving the reg	e in accordance with the Ac	t The acceptance of any name in
This product is <b>c</b> o	onditionally registered in accordance with F	FIFRA sec 3(C)(7	)(c) provided that you
2 The following a <u>870 6</u> b <u>860 1</u> metab	PA Registration Number to read EPA Reg g data is submitted 200 Neurotoxicity Battery (Acute Studies) 300 Nature of the Residue – Plants Sample polism study must be submitted for a period FR Part 158 data requirements due 2 years f	due 1 year from the storage data asso that covers 17 mc	ciated with the apple onths to fulfill current
with FIFRA section ( acceptance of these c	re not complied with the registration will be 6(e) Your release for shipment of the produ- conditions A stamped copy of the label is end tions regarding this action please contact S	act bearing amende enclosed for your r	ed labeling constitutes records
	am 13	Date ປໄ	27 (1)
Insecticide Branch/R	egistration Division		

1/9

## **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	<u>90%</u>
Total	100%

Contains 0 85 lbs of cyflufenamid active ingredient per gallon

EPA Reg No 8033-RNU (04

EPA E	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	<ul> <li>Take off contaminated clothing</li> <li>Rinse skin immediately with plenty of water for 15 20 minutes</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>			
If Swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice</li> <li>Have person sip a glass of water if able to swallow</li> <li>Do not induce vomiting unless told to by a poison control center or doctor</li> <li>Do not give anything to an unconscious person</li> </ul>			
If ın Eyes	<ul> <li>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</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>			
If Inhaled	<ul> <li>Move person to fresh air</li> <li>If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible</li> <li>Call a poison control center or doctor for further treatment advice</li> </ul>			
For N	EDICAL 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				
	There is no specific antidote All treatments should be based on observed signs is in the patient. Overexposure to materials other than this product may have			

Net Contents \_\_\_\_\_fl oz

Batch No

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

A	C	CI	<u>P</u>	TE	D
6	NUN	<b>2</b> 7	2012		
U: Fy as rep EF	nder t ingici amei gister A Rej	he Fed de, and nded, f ed und g No	eral In i Roder for the ler 80	secticad nacade pesticad 33-/ C	le Act, le X4

#### 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 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 1/4 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 dispersable 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 mildewcide of a different mode of action Apply the alternate product or tank-mix within14 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

(

DRAFT Version 6 19 12

ć

#### 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 beliflower 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 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

IMPORTANT READ BEFORE USE

(

Read the entire Directions for Use Conditions Disclaimer of Warranties and Limitation of Liability before using this product lf 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. It d. disclaims any hability 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