



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

MAR 12 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Rich Lotstein
Regulatory Team Leader
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

Dear Mr. Lotstein:

Subject: Prodiamine Technical Herbicide
EPA Registration No. 100-833
Application and Your Letter Dated November 13, 2003,
Request To Amend Registration by Amending the Basic
Formulation, Confidential Statement of Formula (CSF);
To Reflect an Increase in the Active Ingredient,
Prodiamine from 93% to 96% Prodiamine; and To Amend
the Labeling To Reflect the Increase in Prodiamine

The proposed amended Basic Formulation, Confidential Statement of Formula (CSF) submitted on EPA Form 8570-4 and dated October 13, 2003, and labeling to reflect the CSF have been reviewed and found to be acceptable as amendments to the subject pesticide product registration of "Prodiamine Technical Herbicide" under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, provided that you comply with the conditions stated below:

1. Comply with the FIFRA requirements under Section 8. "Books and Records".
2. Add to the label ingredient statements: "Contains Toxic Nitrosamines" below the CAS number.
3. Delete the claim for "plantings on or surrounding municipal grounds and governmental installations". As stated in 40CFR156.10(5)(v) "Any statement directly or indirectly implying that the pesticide or device is recommended or endorsed by any agency of the Federal Government;" may be considered as being "misbranding".
4. Do not ship this product under this labeling until you have submitted appropriate samples of this product to EPA's Fort Meade Analytical Chemistry Laboratory. Please submit information regarding your compliance with this comment to be placed in the file for this product.

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This accepted CSF replaces the existing Basic Formulation (CSF) dated November 8, 1999. A copy of the revised CSF has been filed in this Agency's record for this pesticide product registration. A copy of this Agency's review of the product chemistry data identified by the EPA MRID No. 461269-01 is enclosed for your records.

Sincerely yours,

JSJ

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

Prodiamine Technical

Herbicide

For the Manufacture of
Non-Food Use Herbicides Only

Active Ingredient:	
Prodiamine*.....	96.0%
Related Compounds:	4.0%
Total:	100.0%

*CAS No. 29091-21-1

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements on label.

EPA Reg. No. 100-833

EPA Est. 70992-GBR-001

Product ID. 24456

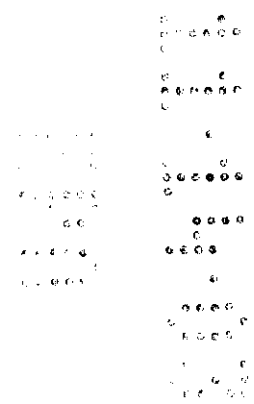
500 Kilograms
Net Contents

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 12 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

100-833



FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person 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 poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing.

Environmental Hazards

This product has a low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Small, illegible text or markings at the bottom right of the page, possibly bleed-through from the reverse side.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

SYNGENTA
CROP PROTECTION, INC.
5000 N. RIVER RD.
MILLSBORO, DE 19966
TEL: 302-398-2700
WWW.SYNGENTA.COM

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Only for formulation into a herbicide for the following use(s): Established Turf Grasses, Lawns and Sod Nurseries, Container, Field Grown, and Landscape Ornamentals, Established Perennials and Wildflower Plantings, Plants grown for Cut Foliage Production, Conifer and Hardwood Seedling Nurseries, Christmas Tree Farms, Non-crop areas, including plantings on or surrounding municipal grounds and government installations, managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways and equipment yards), Facilities including substations, tank farms, pumping stations, parking/storage areas, ungrazed fence rows.

Prodiamine Technical Herbicide is a technical product intended to be used only in the manufacture of registered non-crop end-use products. Each formulator is responsible for obtaining the EPA registration of his formulated product(s).

The following information may be helpful in handling and manufacturing end-use products:

Molecular Weight:	350.3
Color:	Yellow-orange
Physical State:	Powdered solid
Odor:	Halide odor class
Melting Point:	122.5 - 124.0°C
Solubility:	Water, reagent grade 13 ppb (at 25°C) Acetone 22.600 g/100mL (at 25°C) Dimethylformamide 32.100 g/100mL (at 20°C) Heptane 0.100 g/100mL (at 20°C) Isopropanol 0.852 g/100mL (at 20°C) N-octanol 0.962 g/100mL (at 25°C) Xylene 3.540 g/100mL (at 20°C)
Vapor Pressure:	at 25°C = 2.5×10^{-8} mm Hg
Octanol/Water Partition Coefficient:	1.3×10^4
pH:	6.878 at 25°C
Stability:	Thermally stable. Moderately stable to light. Decomposes at 240°C
Corrosiveness:	Non-corrosive
Density:	1.4107 g/mL

For specific information relating to composition, toxicity, methods of formulation, and the product's effectiveness, please contact your local Syngenta Specialty Sales representative.

STORAGE AND DISPOSAL

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

Storage

Store in original container away from fertilizer, feed, or food stuffs and separated from other pesticides.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

Container Disposal

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or; puncture and dispose of in a sanitary landfill or at an incineration facility, or; if allowed by state and local authorities, by burning locally. If burned, stay out of smoke.

Paper and Plastic Containers: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or at an incineration facility, or; if allowed by state and local authorities, by burning locally. If burned, stay out of smoke.

Fiber Drums: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residues into application equipment. Dispose of empty liner in a sanitary landfill or at an incineration facility if allowed by state and local authorities. If the drum cannot be reused, dispose of in a sanitary landfill or by incineration if allowed by state and local authorities.

2003 Syngenta

Product of Great Britain

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27419
www.syngenta-us.com

SCP 833A-L1 DRAFT

April 6, 1999 – changed EPA
Est. No. NCP 833AL1 0499

