

100-1141

9-17-2002

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

SEP 17 2002

Ms. Ruhi Rezaaiyan  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

Subject: Dividend® Extreme  
EPA Registration No. 100-1141  
Your label amendment application dated June 20, 2002

Dear Ms. Rezaaiyan,

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy is enclosed for your records. Submit one copy of your final printed labeling before you release the product for shipment. Please note that the EPA Registration Number on page 11 is incomplete (though the complete EPA Reg. No. appears on page 1).

If you have questions about this letter, please contact John Bazuin at (703)305-7381.

Sincerely yours,

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Cynthia L. Giles-Parker  
Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

Attachment: Label copy stamped "Accepted"

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Booklet Label

Dividend® Extreme

Fungicide

A seed treatment for control of diseases of wheat and triticale

Active Ingredients:

Difenoconazole: (CAS No. 119446-68-3) .....7.73%

(R)-2-[(2,6-dimethylphenyl)-methoxyacetyl-amino]-  
propionic acid methyl ester .....1.87%

Related Compounds .....0.06%

Other Ingredients: .....90.34%

Total: .....100.00%

Dividend Extreme contains 0.77 lbs. difenoconazole and 0.19 lbs. (R)-[(2,6-dimethylphenyl)-methoxyacetyl-amino]-propionic acid methyl ester and related compounds per gallon product.

2½ gallons

U. S. Standard Measure

30 gallons

U. S. Standard Measure

250 gallons

U. S. Standard Measure

\_\_\_ gallons

U. S. Standard Measure

EPA Reg. No. 100- 1141

EPA Est. 34704-MS-2

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use inside booklet.

SCP                    2.5 Gal.  
SCP                    Bulk

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

SEP 17 2002

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

100-1141

<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals**

**CAUTION**

Avoid contact with skin or clothing.

**Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Shoes plus socks

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

### **Engineering Control Statements**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### **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.

### **Environmental Hazards**

This product is toxic to fish and aquatic invertebrates. 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 water when disposing of equipment wash waters or rinsate.

If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

### **Ground Water Advisory**

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**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 limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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## 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.

### 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 48 hours.** Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, 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
- Socks plus shoes

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.**

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## **STORAGE AND DISPOSAL**

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### **Pesticide Storage and Disposal**

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### **Container Disposal (For 2½ Gallons)**

Do not reuse empty container. Triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

### **Container Refilling and Disposal (For 30 Gal., 250 Gal., Bulk)**

Refer to label on container for refilling and disposal instructions.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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## **GENERAL INFORMATION**

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Dividend Extreme is a systemic seed dressing that controls or suppresses certain seed-borne, soil-borne, and fall foliar diseases of wheat and triticale. It is a mixture of Dividend and Apron XL® LS. Apron XL reduces or suppresses damping-off caused by Pythium and Dividend reduces or suppresses plant diseases caused by the other remaining diseases claimed on the label. An EPA-approved coloring agent, Pigment Red 48 has been added to the formulation.

The labeled rate of 2 fl. oz. of Dividend Extreme delivers 12 grams active ingredient of difenoconazole and 3 grams of Apron XL LS active ingredient per 100 kg. seed.

**Note:** Apron XL LS is a systemic fungicide having a specific mode of action. Apron XL LS could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible Apron XL LS insensitive strains of fungi which may occur.

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## **MIXING PROCEDURES**

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Apply Dividend Extreme as a water-based slurry utilizing standard slurry treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the recommended amount of Dividend Extreme into the required amount of water for the slurry and dilution rate to be used. Follow the manufacturer instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. If application is stopped please maintain agitation of slurry until all of the slurry has been used. Allow seed to dry before bagging.

Follow the label directions for the most restrictive of label precautions and limitations. This product cannot be mixed with any product containing a label prohibiting such mixing.

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## **WHEAT AND TRITICALE**

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Apply Dividend Extreme to wheat or triticale seed at the rates given in the following table:



Winter Wheat and triticale

Rate Dividend Extreme Per CWT	Diseases Controlled	Fall Season Foliar Diseases Controlled <sup>1</sup>	Early Season Control
1 fl. oz. <sup>4</sup>	Common Bunt, Loose Smut		
2 fl. oz.	Common Bunt <sup>2</sup> Dwarf Bunt, Karnal Bunt, Flag Smut, Seed-borne Septoria, Loose Smut, General Seed Rots <sup>3</sup> , Fusarium Seed Scab, Pythium Damping-Off		Common Root Rot ( <i>Cochliobolus</i> spp.) Rhizoctonia Root Rot
4 fl. oz.	Common Bunt <sup>2</sup> , Karnal Bunt, Dwarf Bunt, Loose Smut, Flag Smut, Seed-borne Septoria, General Seed Rots <sup>3</sup> , Fusarium Seed Scab, Pythium Damping-Off	Fall Season Powdery Mildew, Fall Season Leaf Rust, Fall Season Septoria Leaf Blotch	Common Root Rot ( <i>Cochliobolus</i> spp.), Fusarium Root Rot, Fusarium Crown Rot, Take-All Rhizoctonia Root Rot

<sup>1</sup>Dividend Extreme provides control of fall season powdery mildew, fall season leaf rust, and fall season Septoria leaf blotch in winter wheat and triticale for the first 6 weeks after planting. For full season control of these foliar diseases, use Tilt® fungicide according to label instructions.

<sup>2</sup>Dividend Extreme controls both seed-borne and soil-borne common bunt.

<sup>3</sup>General seed rots controlled include those caused by saprophytic organisms, such as *Penicillium* and *Aspergillus*.

<sup>4</sup>The 1 fl. oz. rate should only be used in the following states: TX, OK, KS, CO, MO, NE, ND, SD, MN, MT.

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**Spring Wheat and triticale**

<b>Rate Dividend Extreme Per CWT</b>	<b>Diseases Controlled</b>	<b>Early Season Control</b>
1 fl. oz. <sup>3</sup>	Common Bunt, Loose Smut, Fusarium Seed Scab	
2 fl. oz.	Common Bunt <sup>1</sup> , Karnal Bunt, Seed-borne Septoria, Loose Smut, General Seed Rots <sup>2</sup> , Fusarium Seed Scab, Pythium Damping-Off	Common Root Rot ( <i>Cochliobolus</i> spp.), Rhizoctonia Root Rot
4 fl. oz.	Common Bunt <sup>1</sup> , Karnal Bunt, Loose Smut, Flag Smut, Seed-borne Septoria, General Seed Rots <sup>2</sup> , Fusarium Seed Scab, Pythium Damping-Off	Take-All, Common Root Rot ( <i>Cochliobolus</i> spp.), Rhizoctonia Root Rot

<sup>1</sup>Dividend Extreme controls both seed-borne and soil-borne common bunt.

<sup>2</sup>General seed rots controlled include those caused by saprophytic organisms, such as *Penicillium* and *Aspergillus*.

<sup>3</sup>The 1 fl. oz. rate should only be used in the following states: TX, OK, KS, CO, MO, NE, ND, SD, MN, MT.

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**Important:** (1) Do not use treated seed for feed, food, or oil. (2) Green wheat or triticale forage may not be grazed until 55 days after planting. (3) Do not plant any crop other than those on this label within 30 days to fields in which treated seeds were planted.

**Note:** Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with the fungicides difenoconazole (CAS No. 119446-68-3) and (R)-[(2,6-dimethylphenyl)-methoxyacetyl amino] propionic acid methyl ester and related compounds. Do not use for feed, food, or oil purposes. Store away from feeds and foodstuffs. Green wheat or triticale forage may not be grazed until 55 days after planting. Green barley forage may not be grazed until 30 days after planting. Do not plant any crop other than those on this label within 30 days to fields in which treated seeds were planted."

Apron XL®, Dividend®, Tilt® and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent No. 5,266,585

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For non-emergency (e.g., current product information) call  
Syngenta Crop Protection at 1-800-334-9481.

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP  
SCP

Z:LABELD/SYN-DIVIDEND EXTREME-A – rr – 6/20/02

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Container Label  
(2½ Gallons, 30 Gallons, 250 Gallons, and Bulk)

Dividend® Extreme  
FUNGICIDE

A seed treatment for control of diseases of wheat and triticales

Active Ingredients:

Difenoconazole: (CAS No. 119446-68-3) .....	7.73%
(R)-2-[(2,6-dimethylphenyl)-methoxyacetyl-amino]- propionic acid methyl ester .....	1.87%
Related Compounds .....	0.06%

Other Ingredients: 90.34%

Total: 100.00%

Dividend Extreme contains 0.77 lbs. difenoconazole and 0.19 lb. (R)-[(2,6-dimethylphenyl)-methoxyacetyl-amino]-propionic acid methyl ester and related compounds per gallon product.

See attached booklet label for use directions, personal protective equipment, user safety instructions, agricultural use requirements, bag labeling requirements and other restrictions and limitations.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-

EPA Est. 34704-MS-2

2½ gallons  
U.S. Standard Measure

30 gallons  
U. S. Standard Measure

250 gallons  
U. S. Standard Measure

\_\_\_ gallons  
U. S. Standard Measure

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**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements inside booklet (30 gal., 250 gal., bulk).

**(30 Gallon, 250 Gallon, Bulk)**

<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p><b>HOT LINE NUMBER</b>          For 24 Hour Medical Emergency Assistance (Human or Animal) or          Chemical Emergency Assistance (Spill, Leak, Fire, or Accident)          Call  <b>1-800-888-8372</b></p>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Avoid contact with skin or clothing.

**Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants

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- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Shoes plus socks

### **Environmental Hazards**

This product is toxic to fish and aquatic invertebrates. 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 water when disposing of equipment wash waters or rinsate.

If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

### **Ground Water Advisory**

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**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 limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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**Container Disposal (2½ Gallon)**

Do not reuse empty container. Triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

**Container Refilling and Disposal (For 30 Gal., 250 Gal., Bulk)**

Thoroughly clean container before reuse unless this is a Syngenta refillable container. If this is a Syngenta refillable container, and is to be refilled, do not rinse or introduce any pesticide other than Dividend Extreme. Reseal and return the container to an authorized Syngenta refilling facility. If the Syngenta container is not to be refilled, triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Dividend® trademark of Syngenta  
U.S. Patent No. 5,266,585

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Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP	2½ Gallons	
SCP	30 Gallons PSL	Product ID:
SCP	250 Gallons PSL	Product ID:
SCP	Bulk PSL	Product ID:

Z:LABELD/SYN-DIVIDEND EXTREME-A – rr – 6/20/02