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4581-381

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

7/9/97

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Mr. Christopher Davis
Elf Atochem Northe America, Inc.
Agrichemicals Division, 21st Floor
2000 Market Street, Phila., PA 19103-3222

JUL 9 1997

Dear Mr. Davis:

Subject: Label Revision Amendment-Name Change and Revised
Directions for Use
Desicate II
EPA Registration Number 4581-381
Your amendment application submission dated
April 23, 1997

The labeling referred to above, submitted in connection with
registration under the Federal Insecticide, Fungicide, and
Rodenticide Act, as amended, is acceptable provided that you
submit one (1) copy of your final printed labeling before you
release the product for shipment.

Should you have any questions or concerns, please call
Marcel Howard on (703) 305-7382.

Sincerely Yours,

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

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	MHOWARD							
DATE ▶	Jul 8, 1997							

DESICATE® II

A POTATO VINE DESICCANT AND A
HARVEST AID FOR ALFALEA AND CLOVER

Contains 2.0 lbs. endosulfan* per gallon

ACTIVE INGREDIENT:

Mono(N,N-dimethylalkylamine)** salt of endosulfan* 53.0%

INERT INGREDIENTS: 47.0%

TOTAL 100.0%

*7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid equivalent 23.36%

**Alkyl groups as in fatty acids of coconut oil

KEEP OUT OF REACH OF CHILDREN PELIGRO DANGER

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).

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

See Side Panel for Additional Precautionary Statements.

EPA REGISTRATION NO. 4581-381

EPA ESTABLISHMENT NO. 4581-MI-1

Net Contents: _____

elf atochem
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ELF ATOCHEM NORTH AMERICA, INC.
AGRICHEMICALS GROUP
2000 Market Street, Philadelphia, PA 19103



ACCEPTED

JUL -9 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 4581-381

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPOR OR SPRAY MIST.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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 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:

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

Avoid contact with or drift to other crops, trees, or plants as injury may occur. To avoid drift use coarse spray and/or drift retardants.

This product is toxic to fish and wildlife. Keep out of lakes, streams and ponds. Do not contaminate water when disposing of equipment washwaters.

Do not feed treated forage to dairy animals being finished for slaughter. Do not use on forage to be sold commercially or to be shipped interstate. Do not graze treated areas.

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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), notification to workers, 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.

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 over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

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.

GENERAL INFORMATION

DESICATE II is a water soluble formulation of endothall used in the desiccation of certain crops in preharvest application to facilitate mechanical harvest.

Use the recommended rate of DESICATE II with water as a carrier. The use of an appropriate adjuvant may enhance performance. DESICATE II readily disperses in water and remains uniformly in solution.

In aerial as well as ground applications, thorough coverage of plants is essential for best results. Applications should be made during periods of highest relative humidity (early mornings or evenings) if daytime temperatures are expected to reach 80° or higher. Wash out sprayer immediately after use.

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

NOTE: The addition of ammonium sulfate and/or spray additives, such as silicone based adjuvants, may increase performance of this product. Ensure that the ammonium sulfate is completely dissolved in the spray tank before adding DESICATE II. Always test for compatibility, using a jar test, prior to mixing in the spray tank.

POTATOES

Treated Potatoes Must Be Harvested By Mechanical Means Only. Cutting Of Harvested Potatoes Is Allowed.

Apply to potato vines 10 to 14 days prior to harvest, using the recommended rate of DESICATE II thoroughly mixed with water as follows:

For Aerial and Ground Applications: Apply 1½ to 2 quarts of DESICATE II per acre. Use higher rates for heavy or vigorous vine growth. Use higher rates when weather conditions are not conducive for desiccation, i.e. cool, cloudy conditions. Use enough water for adequate coverage, but not less than 5 gallons per acre. Do not exceed 40 gallons per acre of finished spray per acre.

ALFALFA AND CLOVER

Treated Alfalfa And Clover Must Be Harvested By Mechanical Means Only.

Seed Crops Only – Seed from treated fields should be used for planting purposes only. Do not use seed for food, feed or oil purposes.

Alfalfa and Clovers (Crimson C., Alsike C., Ladino C., Red C., Sweet C. and White C.)

For Aerial Applications:

The following rates are recommended:

Medium Stands – Use 1.25 quarts of DESICATE II in 8½ gallons of water per acre in one application.

Heavy Stands – Use 0.75 to 1.25 quarts of DESICATE II in 8½ to 9 gallons of water per acre and repeat application in 3 to 5 days; or use 1.5 quarts of DESICATE II in 8 gallons of water per acre in one application.

For Ground Applications:

Use the same rate of DESICATE II per acre, but increase the water to make a total spray of 15 to 20 gallons per acre.

When to Combine is dependent on the weather but usually the desiccated alfalfa or clover is ready to combine 5 to 10 days after treatment.

NOTE: Seed crops should not be sprayed until the seed is mature and the plants have lost moisture normally following the end of the irrigation season. Spraying before the seed has reached maximum dry weight may result in yield reduction. Seed crops are normally ready for combining 5 to 10 days after treatment. For best results combine the seed crop as soon as it is ready for harvest.

STORAGE AND DISPOSAL

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

Storage Instructions: Store in the original container. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. In the event of spillage during handling or storage, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal Instructions listed below.

Pesticide Disposal Instructions: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal Instructions: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

Elf Atochem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. ELF ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS, LABOR COST, OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

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5-K205S-01 C7 (3/97)

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