



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAY 26 1994

ELIZABETH D. OWENS  
ISK BIOTECH CORP.  
5966 HEISLEY ROAD BOX 8000  
MENTOR, OH 44061

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 04/18/94 Response to PR Notice 93-7  
EPA Reg. No. 50534-38  
ANSAR 184 HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



**Recycled/Recyclable**  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

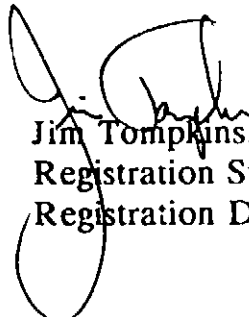
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins", is written over the typed name and title.

Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Elizabeth D Owens  
ISK BIOTECH CORP  
5966 HEISLEY ROAD BOX 8000  
MENTOR OH 44061

Comment for: EPA Reg Nr.50534-38  
ANSAR 184 HERBICIDE

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

The footwear requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Shoes plus socks." The exact location is shown in Sections A and B on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The footwear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Shoes plus socks." The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

# Ansar® 184 Herbicide

## DSMA Powder

### For Selective Post-Emergent Weed Control

|  |              |
|--|--------------|
| Active Ingredient: Disodium Methanearsonate* | 63.0%        |
| Inert Ingredients:                           | <u>37.0%</u> |
| Total:                                       | 100.0%       |

Total Arsenic, all in water-soluble form, expressed as elemental 25.6%

\*Product equivalent to 100% Disodium Methanearsonate Hexahydrate

**Keep Out of Reach of Children**

**CAUTION:**

See Side Panel for Additional Precautionary Statements

## ISK Biotech-Biosciences Corporation

5966 Heisley Road

P.O. Box 8000

Mentor, Ohio 44061-8000

EPA Reg. No. 50534-38

EPA Est. No.: 50534-TX-01

ANSAR® is a registered trademark of ISK BiotechBiosciences Corporation

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

**MAY 26 1994**

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

50534-38

## **Precautionary Statements**

### **Hazards to Humans and Domestic Animals**

#### **Caution**

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

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. NEVER give anything by mouth to an unconscious person. Seek medical attention.

In case of contact, flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

Wash exposed skin gently with plenty of soap and water.

~~Keep children and domestic animals off treated areas until this material has been washed into the soil.~~

~~Wear protective clothing when handling or applying this product including long pants, long sleeve shirt, and impermeable gloves and boots. Mixer loaders should include an apron and full face shield when handling or mixing concentrate.~~

~~Flagmen should be fully protected during spray operations or mechanical flagmen used. Pilots and ground spray rig applicators should wear a mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.~~

#### **Personal Protective Equipment:**

*Applicators and other handlers must wear:*

- \* Long-sleeved shirt and long pants*
- \* Waterproof gloves*
- \* Chemical-resistant footwear plus socks*
- \* Protective eyewear*
- \* Chemical-resistant apron when cleaning equipment, mixing or loading*

*For exposures in enclosed areas:*

- \* A respirator with either an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)*

*For exposures outdoors:*

- \* Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).*

*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.*

*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.*

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### **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**

*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 by disposal of equipment washwaters.*

*DO NOT feed treated foliage to livestock or graze treated areas.*

*DO NOT spray or allow drift onto vegetables, ornamentals or other desirable plants.*

*DO NOT apply when weather conditions favor drift from target area.*

*DO NOT contaminate water by cleaning of equipment or disposal of wastes.*

### **ANSAR 184 H.C. Herbicide**

**Read entire label before using this product.**

### **General Information**

ANSAR 184 Herbicide is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of a suitable surfactant to the spray solution. Is most effective on young, actively growing weeds at air temperatures about 70°F. Its phytotoxic properties are quickly inactivated on contact with the soil.

**Mixing Instructions:** ANSAR 184 Herbicide must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. ~~DO NOT store spray solution in tank for a prolonged period.~~ *overnight*, and clean application equipment thoroughly after using by flushing with water *in a safe place*.

### **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.*

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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) 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 12 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
- \* Waterproof gloves
- \* Chemical-resistant footwear plus socks
- \* Protective eyewear

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

**Keep children and domestic animals off treated areas until this material has been washed into the soil.**

DO NOT apply this product through any type of irrigation equipment.

Cotton: ANSAR 184 Herbicide is useful as a directed spray application in cotton for post-emergent control of weeds and grasses such as Johnsongrass, nutsedge, dallisgrass, cocklebur, ragweed, sandbur, and puncture vine.

Ansar 184 Herbicide should be applied to weeds in cotton at the rate of 3.6 pounds per acre.

Mix at the rate of 9.0 pounds in 100 gallons of water and add 1 to 2 quarts of a mild surfactant cleared for application to growing crops. Apply at a broadcast rate of 40 gallons per acre. Best results are obtained at temperatures above 70°F. For band application, apply at the rate of 1 gallon of this solution for each inch of band width per acre for cotton in 40 inch rows. A second application may be required during humid growing conditions. Time the second application, if necessary, about 1 to 3 weeks after the first application.

**APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT FEED TREATED FOLIAGE TO LIVESTOCK, OR GRAZE-TREATED AREAS.**

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Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally *and yield will not be affected*. ANSAR 184 Herbicide should be applied with a low volume sprayer, having satisfactory pumping and bypass action. Nozzles should be placed so as to avoid spraying the cotton foliage, but also to give good coverage of the weeds and grasses. Proper coverage is very important. Adjust nozzles to allow maximum coverage of weeds and grasses. Adjust nozzles to direct the spray in a manner to allow maximum coverage of weeds. Keep spray off cotton foliage.

**NON-CROP:** ANSAR 184 Herbicide is useful for controlling Johnsongrass, nutsedge, and certain other weeds on drainage ditch banks, rights-of-way, fence rows, storage yards and similar non-crop areas. Mix ANSAR 184 Herbicide at a rate of 4 to 9 pounds, plus 1 to 2 quarts of a suitable surfactant, in 100 gallons of water. Spray the unwanted vegetation thoroughly to just short of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs, reapply as required.

**DO NOT CONTAMINATE WATERS USED FOR DOMESTIC CONSUMPTION, OR BY ANIMALS, WILDLIFE AND AQUATIC LIFE, OR FOR IRRIGATION PURPOSES.**

**Lawn and Ornamental Turf:** ANSAR 184 Herbicide is designed for the selective kill of dallisgrass, sandbur, bahiagrass, nutsedge, crabgrass, chickweed and wood sorrel with little or not injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily affected, especially in hot weather. Rain or waterings will revive them. Bent and fescue grasses are generally more sensitive, and may be temporarily discolored. Zoysia, bluegrasses, and bermuda are tolerant. **DO NOT** use on St. Augustinegrass, centipedegrass, *carpet grass*, or apply to *Dichondra*.

Mow lawns 1 to 1-1/2 inches high before treatment. Mix 2 ounces of ANSAR 184 Herbicide in 2-1/2 gallons of water, containing 2 to 3 fluid ounces of a suitable surfactant, and apply to an area of 1000 sq. ft. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control. **DO NOT** water turf for at least 24 hours after application. **DO NOT** reseed until two weeks after application.

**DO NOT** apply with hose-end applicators.

**Storage and Disposal:**

**DO NOT** contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** **DO NOT** reuse empty container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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### **Warranty and Limitation of Damages**

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

*Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practices.*

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