



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. 50534-52
ANSAR 8100 HERBICIDE (SOUTHERN FORMULATION)

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

239

Page 2

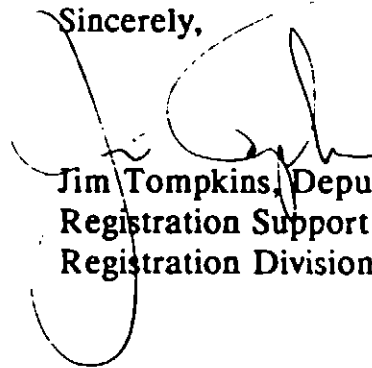
Submit the final printed labeling via the U.S. Postal Service to:

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,



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

Attachment

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.50534-52
ANSAR 8100 HERBICIDE (SOUTHERN FORMULATION)

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.

499

Ansar® 8100 Herbicide

Southern Formulation

High Concentrate DSMA Powder

for Selective Post-Emergent Weed Control

Active Ingredient: Disodium Methanearsonate*	81.0%
Inert Ingredients:	<u>19.0%</u>
Total:	100.0%

Total Arsenic, all in water-soluble form, expressed as elemental	33.0%
--	-------

*Product equivalent to 128.5% 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. 50534-52

EPA Est. No. 50534-TX-01

ANSAR® is a registered trademark of ISK Biotech Biosciences 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.

50534-52

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.

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 wash waters.

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.

Use only as a spot treatment in Florida.

ANSAR 8100 Herbicide

Read entire label before using this product

General Information:

ANSAR 8100 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 above 70°F. Its phytotoxic properties are quickly inactivated on contact with the soil.

Mixing Instructions: ANSAR 8100 Herbicide is completely water soluble. Fill the spray equipment tank about half full with water and add the required amount of herbicide with agitation. Finish filling the tank 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*. Although ANSAR 8100 Herbicide is only moderately corrosive, *DO NOT use in galvanized or aluminum equipment.*

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 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 8100 Herbicide is useful as a directed spray application in cotton for the postemergent control of weeds and grasses including Johnsongrass, nutsedge, dallisgrass, cocklebur, crabgrass, ragweed, sandbur and puncture vine.

Mix 7.0 pounds of ANSAR 8100 Herbicide in 100 gallons of water and add 1 to 2 quarts suitable surfactant, cleared for application to growing crops. Weed control is most effective at temperatures above 70°F. For band application in 40 inch rows, apply 1 gallon of spray solution per inch of band width per acre of cotton.

Band Application: Direct the spray solution to the base of the cotton plant. Nozzles should be placed so as to avoid spraying the cotton foliage, but to give good coverage of the weeds and grasses. If regrowth occurs, make a second application about 1 to 3 weeks after the first. Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following directed band application, but the cotton plant will develop normally and yield will not be affected.

Make band application only when cotton is 3 inches high to first bloom.

DO NOT apply after first bloom.

NON-CROP: ANSAR 8100 Herbicide is useful as a spot applied herbicide for control of Johnsongrass, nutsedge, and certain other weeds on drainage ditch banks, rights-of-way, fence rows, storage yards and similar non-crop areas.

Mix ANSAR 8100 Herbicide at a rate of 3 to 7 pounds, plus 1 to 2 quarts of a suitable surfactant in 100 gallons of water. Make spot applications on unwanted vegetation, spraying thoroughly, but to just short of run-off. Use spray equipment that gives good low volume coverage. 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 8100 Herbicide is useful for control of dallisgrass, sandbur, bahiagrass, nutsedge, crabgrass, chickweed and wood sorrel with little or no injury to tolerant lawn grasses. On new lawns, do not treat until after three mowings. Tolerant grasses may be temporarily discolored. Zoysia grasses, bluegrasses, and bermuda grasses are quite tolerant. **DO NOT** use on St. Augustinegrass, centipedegrass, grassescarpetgrass, or on *Dichondra*.

Mow lawns 1 to 1-1/2 inches high before treatment. Mix 1-1/2 ounces of ANSAR 8100 Herbicide in 2-1/2 gallons of water, containing 2 to 3 fluid ounces of a suitable surfactant. This will make enough spray material when used as a spot application to cover a total of 1000 sq. ft. Spot spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control.

DO NOT apply with hose-end applicators.

***DO NOT** water turf for at least 24 hours AFTER application. **DO NOT** reseed until two weeks after last application.*

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.

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 EXCEPT IN WRITING WITH A SPECIFIC REFERENCE TO THIS WARRANTY.** 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.