



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

JAN 25 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 09/02/93 in Response to PR Notice 93-7
EPA Reg. No. 50534-53
ANSAR 529 H.C. 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-based Ink on paper that
contains at least 20% recycled fiber

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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

Subject: Label Amendment Submission of 08/27/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 50534-53
ANSAR 529 H.C. HERBICIDE (SOUTHERN FORMULATION)

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

There is a typographical error(s) in the PPE statements
that you added to the Precautionary Statements.

Ansar® 529 H.C.**Net Contents: 2.5 Gallons/9.5 Liters****Herbicide (Southern Formulation)****High Concentrate****MSMA Liquid Plus Surfactant For Selective Post-Emergent Weed Control****Active Ingredient: Monosodium Acid Methanearsonate 47.7%****Inert Ingredients: 52.3%****Total: 100.0%****Total Arsenic, all in water-soluble form, expressed as elemental 22.0%**
Product Contains 6.0 Pounds MSMA Per Gallon**Keep Out of Reach of Children****CAUTION:** See side panel for additional precautionary statements.**ISK Biotech Corporation****5966 Heisley Road****P.O. Box 8000****Mentor, Ohio 44061-8000****EPA Reg. No. 50534-53****EPA Est. No. 50534-TX-01****3072-4060-9108-9308****ANSAR® is a registered trademark of ISK Biotech Corporation.****ACCEPTED
with COMMENTS
in EPA Letter Dated****JAN 25 1994****Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.****50534-53**

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 vapors 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.

DO NOT contaminate feed and food stuffs.

~~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 (PPE):

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 exposure outdoors:

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

BEST AVAILABLE COPY

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 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.

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

Ansar 529 H.C. Herbicide

Read entire label before using this product.

Use only as a spot treatment in Florida.

General Information

ANSAR 529 H.C. HERBICIDE is useful for selective post-emergent weed control, particularly for grassy weeds. Its phytotoxic properties are quickly inactivated on contact with soil. It is a combination of herbicide and surfactant. It is unnecessary to add any other surfactant to the spray solution. Best results are obtained on young actively growing weeds at air temperatures above 70°F.

Mixing Instructions

ANSAR 529 H.C. 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. After use, clean equipment thoroughly by flushing with water. DO NOT store spray solution in tank for prolonged period.

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 529 H.C. HERBICIDE is useful as a directed application in cotton for post-emergent control of weeds and grasses, such as Johnsongrass, nutsedge, dallisgrass, cocklebur, ragweed, crabgrass, barnyardgrass, sandbur and puncture vine.

Mix 3 quarts of ANSAR 529 H.C. HERBICIDE in 90 gallons of water. Do not add any surfactant to the spray solution. 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.

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. Make band applications only when cotton is 3 inches high to first bloom. Do not apply after first bloom.

Preplant Application: If planting of cotton has been delayed and weeds have emerged, use one preplant application. Apply band application just ahead of planter. Cotton may be planted immediately following the preplant application.

Bearing Citrus: ANSAR 529 H.C. HERBICIDE is useful as a directed application in citrus orchards, such as orange, grapefruit, tangerine, lemon and lime orchards. It should be applied at the rate of 1/3 gallon per acre. Mix ANSAR 529 H.C. HERBICIDE at the rate of 1/3 gallon in 50 gallons of water. Apply as a directed spray in interspaces and around base of trees. Spray unwanted vegetation to just short of run-off. If regrowth occurs, reapply as required; however, DO NOT exceed 3 applications per year. DO NOT allow spray solution to contact fruit, leaves, stems or bark. Use a shield, if necessary, for nursery plantings or young trees.

Agricultural Plantings: ANSAR 529 H.C. HERBICIDE is useful as a directed application in non-bearing deciduous fruit, nut and citrus orchards, such as apple, peach, pear, plum, prune, apricot, cherry, almond, walnut, orange, grapefruit, tangerine, lemon and lime orchards.

Mix ANSAR 529 H.C. HERBICIDE at the rate of 1/3 gallon in 50 gallons of water. Apply as a directed spray in interspaces and around base of trees or vines. Spray unwanted vegetation to just short of run-off. If regrowth occurs, reapply as required; however, DO NOT exceed 3 applications per year. DO NOT allow spray solution to contact leaves, stems or bark. Use a shield, if necessary, for nursery plantings or young trees. DO NOT apply around trees or vines from which fruit will be harvested within one year of treatment.

Non-Crop: ANSAR 529 H.C. HERBICIDE is useful for a spot applied herbicide for control of johnsongrass, barnyardgrass, nutsedge, crabgrass, dallisgrass, cocklebur, ragweed, sandbur, puncturevine and certain other weeds on drainage ditchbanks, rights-of-way, fence rows, storage yards and similar non-crop areas. Mix ANSAR 529 H.C. HERBICIDE at the rate of 6 to 12 pints in 100 gallons of water. Make spot applications on unwanted vegetation, spray thoroughly 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 purposes, or by animals, including wildlife and aquatic life, or water used for irrigation purposes.

Lawn and Ornamental Turf: ANSAR 529 H.C. 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, bluegrasses and Bermuda are quite tolerant. DO NOT use on St. Augustine or centipede. Mow lawns 1 to 1-1/2 inches high before treatment. Mix 1-1/3 fluid ounces (8 teaspoons) of ANSAR 529 H.C. HERBICIDE in 2-1/2 gallons of water and apply to an area of 1,000 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.

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.