



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

63239-17

Date of Issuance:

NOV - 8 1995

NOTICE OF PESTICIDE:

X Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

APC Holdings DSMA
Liquid 4

Name and Address of Registrant (include ZIP Code):

APC Holdings Corporation
2215 West Street - 2nd Floor
Germantown, TN 38138

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Add the phrase "EPA Registration No. 63239-17" to your label before you release the product for shipment.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

Signature of Approving Official:

Theresa A. Serne

Date:

11/08/95

EPA Form 8570-6

BEST AVAILABLE COPY

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Theresa A. Stowe

Theresa A. Stowe
Acting Team Leader
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

) Enclosure

BEST AVAILABLE COPY

ACCEPTED
NOV - 8 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 63239-17

APC HOLDINGS
DSMA LIQUID 4

For Postemergence Weed Control
In Cotton, Turf and Non-Crop Areas
(Contains No Surfactant)

ACTIVE INGREDIENT:
Disodium Methanearsonate..... 24.07%
INERT INGREDIENTS:..... 75.93%
TOTAL:.....100.00%

Total Arsenic, all in water soluble form, expressed as
elemental 9.84%.
Product contains 4 pounds Disodium Methanearsonate
Hexahydrate equivalent per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for additional precautionary statements.

Read entire label before using this product.

Notice: Use of this material in a manner, or at any time
other than in accordance with the directions, may produce
plant injury, excessive residues, or other undesirable
results.

EPA REG. NO. 63239-
19713-MS-1

EPA EST. NO.

Net Contents:

Manufactured By:
APC Holdings, Inc.
P.O. Box 13347
Memphis, TN 38113-0347

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STATEMENT OF PRACTICAL TREATMENT

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.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

IF ON SKIN: Immediately wash skin with plenty of soap and water. If irritation develops, seek medical attention.

IF INHALED: Remove victim to fresh air.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution

Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing spray mist. Wash hands after using.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Waterproof gloves

Shoes 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).

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 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 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 contaminate water by cleaning of equipment or disposal of wastes.

Avoid storage near food and feed products.

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
- Shoes 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: DSMA Liquid 4 is useful as a directed postemergence spray for controlling weeds in cotton such as barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goosegrass, johnsongrass and nutsedge.

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

Preplant or postplant up to cracking application on cotton:

A single ground or aircraft application of DSMA Liquid 4 can be made to prepared cotton seedbeds when planting has been delayed and weeds have emerged, or as a post-plant treatment, but no later than initial cracking of soil in field before emergence of cotton.

Planting of cotton may immediately follow the preplant application. For ground application mix at a rate of 7 pints of DSMA Liquid 4 and 1 quart of a nonionic surfactant, cleared for application to growing crops, in 40 gallons of water for broadcast ground application or in 5 to 10 gallons of water for aircraft application, and apply to one acre using a properly calibrated sprayer.

Postemergent, over-the-top application on cotton:

A single ground or aircraft application may be made as an over-the-top broadcast spray to actively growing cotton as a salvage operation when cotton is 3 to 6 inches high or up to early first square stage, whichever occurs first. For ground application, mix DSMA Liquid 4 at a rate of 3 to 4 pints in 40 gallons of water plus 1 to 2 pints of a nonionic surfactant, cleared for application to growing crops, and apply to one acre using a properly calibrated sprayer. For aerial application, mix DSMA Liquid 4 at a rate of 3 to 4 pints in 5 to 10 gallons of water plus 1/2 pint of a nonionic surfactant, cleared for application to growing crops, and apply to one acre using a properly calibrated sprayer. Apply as an over-the-top broadcast spray only when cotton is 3 to 6 inches high or up to early first square stage, whichever occurs first.

DO NOT apply as an over-the-top broadcast spray after cotton is more than 6 inches high or after early first square stage.

Slight burning or reddish discoloration of cotton foliage may occasionally be seen following recommended treatment.

Directed application: Mix 9 quarts of DSMA Liquid 4 and 1 to 2 quarts of a nonionic surfactant, cleared for application to growing crops, in 100 gallons of water. Apply the solution as a directed spray at a rate of 40 gallons per acre when weeds are small. For band applications, apply 1 gallon of above diluted spray per acre for each 1 inch band width to be treated of cotton grown on 40 inch row spacing. A second or repeat application, if needed, should be timed about 1 to 3 weeks after the first application. Keep spray off cotton foliage.

Apply Only When Cotton is 3 Inches High to First Bloom. Do Not Apply After First Bloom.

Slight burning or reddish discoloration of cotton foliage may occasionally be seen following recommended treatment; however, cotton plants will develop normally and yield will not be affected.

Ornamental Turfgrass: DSMA Liquid 4 can be used for selective control of bahiagrass, barnyardgrass, chickweed, smooth and large crabgrass, dallisgrass, nutsedge, sandbur and wood sorrel with little or no injury to well-established, actively growing turfgrasses. Mow turfgrass to height of 1 to 1 1/2 inches before treatment. Mix 3 fluid ounces (6 tablespoons) of DSMA Liquid 4 plus 1 ounce of a nonionic surfactant in 2 1/2 gallons of water for application to an area of 1,000 square feet. Application should be uniform and thorough to adequately wet all undesirable plants. Two or more repeat treatments at 14 day intervals may be necessary. Make applications during warm weather when temperature is between 80 and 90°F. DO NOT water turf for at least 24 hours after application. Turfgrasses may be temporarily discolored. Bermuda-grass, bluegrass and zoysiagrass have shown tolerance to properly applied DSMA Liquid 4. Injury may result if applied to bentgrass and fescues. DO NOT apply to St. Augustine-grass, carpetgrass, centipedegrass or to Dichondra. DO NOT apply with hose-end applicators.

Agricultural Plantings: DSMA Liquid 4 is useful as a directed application in non-bearing vineyards and in non-bearing deciduous fruit, nut and citrus orchards such as almond, apple, apricot, cherry, grapefruit, lemon, lime, orange, peach, pear, plum, prune and tangerine orchards. It should be applied at the rate of 3 1/2 to 6 1/2 quarts per acre. Mix DSMA Liquid 4 at the rate of 3 1/2 quarts plus 1 quart of a nonionic surfactant in 50 gallons of water. Apply as a directed spray in interspaces and around bases of trees or vines. Spray unwanted vegetation to just short of runoff. If regrowth occurs, reapply as required. However, do not exceed 3 applications per year.

DO NOT allow spray solution to contact leaves, stem 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: DSMA Liquid 4 is effective in controlling barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goosegrass, johnsongrass, nutsedge and many similar weeds on drainage ditchbanks, fence rows, rights-of-way, storage yards and similar non-crop areas. Application should be made when weeds are small and conditions are favorable for good weed growth. Mix at a rate of 1 gallon of DSMA Liquid 4 plus 1 quart of a nonionic surfactant in 40 gallons of water. Spray undesirable vegetation thoroughly to point of runoff. Adequate coverage and complete wetting of foliage is important for effective control. Repeat applications may be necessary if regrowth occurs. DO NOT contaminate waters used for domestic purposes, or by animals

including wildlife and aquatic life, or water being used for irrigation purposes.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

STORAGE INSTRUCTIONS:

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or in cases. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizers to avoid contamination. This material is incompatible with aluminum and zinc. Do not expose this concentrate or the spray solution to aluminum or galvanized metal. Store in original containers only. If the contents are leaking or material is spilled, follow these steps while wearing Personal Protective Equipment.

- 1) Contain spill, absorb with material such as sawdust, clay granules or dirt.
- 2) Collect and place in suitable containers for disposal.
- 3) Wash area with water and soap to remove remaining pesticide.
- 4) Follow washing with a clean water rinse.
- 5) Do not allow runoff to enter sewer or contaminate water supplies.
- 6) Dispose of wastes as indicated below.

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: 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 - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

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In no case shall APC Holdings or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by APC Holdings and is accepted as such by the Buyer.