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

08 JAN 1997

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Rusty F. Millar
Manager, Regulatory Affairs
Amvac Chemical Corporation
4100 East Washington Blvd.
Los Angeles, CA 90023

Dear Mr. Millar:

Subject: Deletion of Unsupported Cryolite Uses
EPA Registration No. 5481-132
Labeling Submitted June 27, 1996
Federal Register Notice of September 25, 1996

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

Submit one copy of your final printed label incorporating the following correction before you release the product for shipment.

In the front panel statement, "Keep our of reach of children", correct the word "our" to read "out."

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

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

Sincerely,

William W. Jacobs, Ph. D.
Acting, Product Manager Team 14
Insecticide-Rodenticide Branch
Registration Division (7505C)

BEST AVAILABLE COPY

ACCEPTED with COMMENTS in EPA Letter Dated

03 JAN 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5481-132

CRYOLITE 93 INSECT

ACTIVE INGREDIENT: Cryolite: sodium aluminum fluoride . . .	93%
INERT INGREDIENTS:	7%
	Total 100%

Fluorine not less than 50%



KEEP OUR OF REACH OF CHILDREN CAUTION

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado completamente"

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS STATEMENTS OF PRACTICAL TREATMENTS

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Apply Artificial Respiration if indicated. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN, OR INHALED. CAUSES MODERATE EYE IRRITATION. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

Personal Protective Equipment

Applicators and other handlers must wear: / Long sleeved shirt and long pants / Waterproof gloves / Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

DIRECTIONS

Cryolite 93 Insecticide is a fine powder suitable for spray application by ground equipment or air. A thorough application should be made, covering the underside of the leaves as well as the top if possible. Some processors may have additional use restrictions, check with your processor. This product is compatible with integrated pest management programs. It is recommended for control of the insects on the crops listed below and may be used in combination with other commonly used pesticides and approved spray-tank adjuvants.

Do not apply this product through any type of irrigation system. NOTE: Do not use in combination with lime or compounds containing free lime. Remove visible residues on edible portions of fruit and vegetables by washing, brushing, field trimming or other effective means.

DIRECTIONS FOR USE ON VEGETABLE AND FRUIT CROPS

Vegetable and fruit crops: Apply in a minimum of 5 gallons of water by air and in a minimum of 10 gallons of water by ground or in sufficient spray volume to obtain thorough coverage. Use the higher rate for severe insect infestations.

CABBAGE, COLLARDS, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER: For control of Cabbage Looper, Cutworms, Corn Earworm, Diabrotica Beetles, Diamond Back Moth Caterpillar, Flea Beetles, Imported Cabbage Worm, and Yellow Striped Armyworm use 8 to 16 lbs. per acre. Apply as needed with a minimum of 14 days between applications. Do not exceed 96 lbs. per year per season. Do not apply within 14 days of harvest.

CUCUMBER: For control of Cabbage Looper, Diabrotica Beetles, Cucumber Beetles, Flea Beetles, Melonworms, and Pickleworms, use 8 to 12 lbs. per acre. Apply as needed with a minimum of 10 days between application. Do not exceed 48 lbs. per acre per season. Do not apply within 14 days of harvest.

CANTALOUPE, SQUASH, WATERMELON: For control of Cabbage Looper, Diabrotica Beetles, Cucumber Beetles, Flea Beetles, Melonworms, and Pickleworms, use 8 to 16 lbs. per acre. Apply as needed with a minimum of 7 days between application. Do not exceed 64 lbs. per acre, per season. Do not apply within 14 days of harvest.

CITRUS: (Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines): For control of Citrus Cutworm, Fruit Tree Leaf Rollers, Fuller Rose Weevil, Garden Tortrix, Halococera, Katydid, Orange Tortrix, Orange Dog, Variegated Cutworm, and Blue Green Citrus Root Weevil use 8 to 20 lbs. per acre. Apply as needed with a minimum of 30 days between applications. Do not exceed 90 lbs. per acre, per season. Do not apply within 15 days of harvest.

GRAPES: For Flea Beetles, and Climbing Cutworms, use 4 to 10 lbs./acre. For Omnivorous Leafroller, and Yellow Striped Armyworm use 6 to 10 lbs./acre; For Grape Leaf folder, Orange Tortrix, Western Grape leaf skeletonizer, and Grape Berry Moth, use 5 to 8 lbs./acre. Apply as needed with a minimum of 21 days between applications. When needed to control later broods, make additional applications after the fruit is 1/4 inch or larger in diameter or as needed. Do not apply more than 20 lbs./acre, per crop year. Do not apply within 30 days of harvest. For application for grapes grown for "table use" after the fruit is 1/4 inch or larger in diameter, use of concentrate sprays will reduce visible residue spots which may result from the use of dilute applications at that stage.

LETTUCE: Head and Leaf varieties: For Armyworms, Cabbage Loopers, Corn Earworms, and Tobacco Budworm use 8 to 20 lbs./acre. Apply as

User Safety Report

Users should: / Wash hands before eating, drinking, or / Remove clothing immediately if pesticide gets inside.

ENVIRONMENTAL

This product is toxic to fish. Do not apply directly to water or to areas below the mean high water mark. Do not apply to water when disposing of equipment washwaters.

AGRICULTURAL USE

Use this product only in accordance with its labeling and 170. This Standard contains requirements for the protection of fish, and greenhouses, and handlers of agricultural pest termination, notification, and emergency assistance. It is pertaining to the statements on this label about personal and restricted-entry interval. The requirements in this box by the Worker Protection Standard. Do not enter or allow entry interval (REI) of 12 hours. PPE required for early Worker Protection Standard and that involves contact with soil, or water, is: Coveralls, Waterproof gloves, Shoes plus socks.

DIRECTIONS

It is a violation of Federal law to use this product in a manner that will contact workers or other protected handlers may be in the area during application. Tribes, consult the agency responsible for pesticide registration.

STORAGE AND

Do not contaminate water, food or feed by storage or disposal. Store in original labeled container in a cool, dry, locked place out of reach of children. Do not use this product if the container is damaged. **CONTAINER DISPOSAL:** Completely empty container into a suitable container for disposal. Do not burn. Do not use for any other purpose. Do not use for any other purpose. Do not use for any other purpose.

needed with a minimum of 160 lbs./acre, per season.

PEPPERS: For control of Cabbage Looper, Cucumber Beetles, Flea Beetles, Melonworms, and Pickleworms, use 8 to 12 lbs./acre between applications. Do not apply within 14 days of harvest.

TOMATO: For control of Cabbage Looper, Cucumber Beetles, Flea Beetles, Melonworms, and Pickleworms, use 8 to 16 lbs./acre between applications. Do not apply within 14 days of harvest.

SHADE TREES: For control of Flea Beetles, Fuller Rose Weevil, Plum Curculio, and other insects, use 5 gallons of water per tree. Use sufficient plants. Use the higher rate for severe infestations.

NOTICE: This product is for use only in accordance with the directions on the label. The manufacturer is not responsible for the use of this product in any manner other than that recommended on the label. Do not use for any other purpose. Do not use for any other purpose. Do not use for any other purpose.

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD. - LOS ANGELES, CA 90023 U.S.

340 P02

3056611706 H. K. MCLANE INC.

1995-01-01 00:00

ACCEPTED
with COMMENTS
in EPA Letter Dated

08 JAN 1977

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5481-132

BEST AVAILABLE COPY

DLITE 93 INSECTICIDE

Dryolite: sodium aluminofluoride. . . . 93%
..... 7%
Total 100%

not less than 50%

REACH OF CHILDREN CAUTION

Children, no use este producto hasta que la etiqueta haya sido
cada implemento

ADDITIONAL PRECAUTIONARY STATEMENTS

IF PRACTICAL TREATMENTS

Control Center immediately. Induce vomiting by giving victim 1 or
with finger. Do not induce vomiting or give anything by mouth to

Get medical attention if irritation persists.
Wash affected area with soap and water. Get medical atten-

Artificial Respiration if indicated. Get medical attention.

ADDITIONAL PRECAUTIONARY STATEMENTS

CHILDREN AND DOMESTIC ANIMALS

Absorbed THROUGH THE SKIN, OR INHALED. CAUSES
with skin, eyes, or clothing. Avoid breathing spray mist.

Protective Equipment

Long sleeved shirt and long pants / Waterproof gloves
Shoes plus socks

and maintaining PPE. If no such instructions for washables,
Wash PPE separately from other laundry.

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to
inertial areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate
water when disposing of equipment washwaters.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR 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 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.

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 requirement specific to your State or
Tribe, consult the agency responsible for pesticide regulation.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in its original
labeled container in a cool, dry, locked place out of reach of children. 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: Completely empty bag into application equipment. 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 of our smoke.

for spray application by
should be made, cover-
top if possible. Some
check with your process-
management
projects on the crops listed
or commonly used pesti-

CANTALOUPE, SQUASH, WATERMELON: For control of Cabbage
Looper, Diabrotica Beetles, Cucumber Beetles, Flea Beetles, Melonworms,
and Pickleworms, use 8 to 16 lbs. per acre. Apply as needed with a mini-
mum of 7 days between applications. Do not exceed 64 lbs. per acre, per
season. Do not apply within 14 days of harvest.

CITRUS: (Grapefruit, Lemons, Limes, Oranges, Tangelos, Tanger-
ines): For control of Citrus Cutworm, Fruit Tree Leaf Rollers, Fuller Rose
Weevil, Garden Tortrix, Halocostis, Katydid, Orange Tortrix, Orange Dog,
Variegated Cutworm, and Blue Green Citrus Root Weevil use 8 to 20 lbs.
per acre. Apply as needed with a minimum of 30 days between applica-
tions. Do not exceed 90 lbs. per acre, per season. Do not apply within 15
days of harvest.

GRAPES: For Flea Beetles, and Climbing Cutworms, use 4 to 10 lbs./
acre. For Omnivorous Leafroller, and Yellow Striped Armyworm use 6 to
10 lbs./acre; For Grape Leaf folder, Orange Tortrix, Western Grape leaf
skeletorizer, and Grape Berry Moth, use 5 to 8 lbs./acre. Apply as needed
with a minimum of 21 days between applications. When needed to control
later broods, make additional applications after the fruit is 1/4 inch or larger
in diameter or as needed. Do not apply more than 20 lbs./acre, per crop
year. Do not apply within 30 days of harvest. For application for grapes
grown for "table use" after the fruit is 1/4 inch or larger in diameter, use of
concentrate sprays will reduce visible residue spots which may result from
the use of dilute applications at that stage.

LETTUCE: Head and Leaf varieties: For Armyworms, Cabbage Looper,
Corn Earworms, and Tobacco Budworm use 8 to 20 lbs./acre. Apply as

needed with a minimum of 7 days between applications. Do not exceed
160 lbs./acre, per season. Do not apply within 14 days of harvest.

PEPPERS: For Hornworms, Pepper Weevil and Omnivorous Leafroller
use 8 to 12 lbs./acre. Apply as needed with a minimum of 7 days be-
tween applications. Do not exceed 24 lbs. per acre, per crop. Do not
apply within 14 days of harvest.

TOMATO: For Colorado Potato Beetle larvae, Blister Beetles, Cabbage
Loopers, Flea Beetles, Fruitworms, Hornworms, and Tomato pinworms
use 8 to 16 lbs./acre. Apply as needed with a minimum of 7 days be-
tween applications. Do not exceed 64 lbs. per acre, per season. Do not
apply within 14 days of harvest.

SHADE TREES AND ORNAMENTALS: For control of Codling Moth,
Flea Beetles, Fuller Rose Beetles, Gypsy Moth, Caterpillars, Katydid,
Plum Curculio, and Leafrollers use 8 to 24 lbs./acre. Apply in a minimum
of 5 gallons of water by air and in a minimum of 10 gallons of water by
ground. Use sufficient water volume to obtain thorough coverage of the
plants. Use the higher rate for severe insect infestations.

NOTICE: This product conforms to its chemical description and is re-
sponsibly for the purpose stated on the label when used in accordance
with directions under normal conditions of use. Manufacturer is not re-
sponsible for the use of this product contrary to the label instructions, or
under abnormal conditions, or under conditions not reasonably foresee-
able to the manufacturer and/or seller, and buyer assumes the risk of
any such use. (5481-132.pms/06-27-96)

Diabrotica Beetles, Cu-
and Pickleworms, use 8 to
um of 10 days between
r season. Do not apply

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON BLVD. - LOS ANGELES, CA 90023 U.S.A.

EPA Reg. No. 5481-132
EPA Est. No. 5481-CA-1
Net Weight 40 Pounds