

5481-433

05/29/2013

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Kelly K. Rahn  
Amvac Chemical Corporation  
4695 MacArthur Court, Ste. 1250  
Newport Beach, CA 92660

MAY 29 2013

SUBJECT: Label Amendment

Technical 1- Naphthalene Acetic Acid Ethyl Ester  
EPA Reg. No. 5481-433; Decision # 461433  
Petition 2E7991; Decision # 461439  
Your Submission Dated February 15, 2012

Dear Ms. Rahn:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended which adds pome fruit (EPA Group 11), avocado, mamey sapote, and mango was reviewed and found to be acceptable provided you make the following label change:

Revise "pome fruit (EPA Group 11)" to "fruit, pome, group 11-10".

As a condition of registration you must submit the following study by June 1, 2014:

-Immunotoxicity study is required as part of the new 40 CFR Part 158 requirements for registration of a pesticide.

Submit one copy of your final printed labeling before you release the product for shipment.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff by phone at 703-305-5611 or via email at [kearns.rosemary@epa.gov](mailto:kearns.rosemary@epa.gov) or myself at 703-308-9443 or via email at [kish.tony@epa.gov](mailto:kish.tony@epa.gov).

Sincerely,



Tony Kish

Product Manager (22)

Fungicide Branch

Registration Division (7504P)

# TECHNICAL 1-NAPHTHALENEACETIC ACID ETHYL ESTER

A PLANT GROWTH REGULATOR FOR FORMULATING USE ONLY

**ACTIVE INGREDIENT:**

1-Naphthaleneacetic Acid, ethyl ester ..... 95.0%

**INERT INGREDIENTS:**..... 5.0%

**TOTAL:** ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se to explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

| FIRST AID  |   |
|--|---|
| <b>If swallowed:</b>   | <ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have a person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>If on skin or clothing:</b>   | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If in eyes:</b>   | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| NOTE TO PHYSICIAN  |   |
| Probable mucosal damage may contraindicate the use of gastric lavage.  |   |
| EMERGENCY INFORMATION  |   |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment.<br>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:<br>Transportation: CHEMTREC.....1-800-424-9300<br>Other: AMVAC.....1-323-264-3910 |   |

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-433  
EPA Est. No. 5481-CA-1

Net Weight:  
As Marked on Container

  
4100 E. Washington Blvd.  
Los Angeles, CA 90023 U.S.A  
1-323-264-3910

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
MAY 29 2013  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
5481-433

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## INSTRUCTIONS FOR FORMULATION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This pesticide may be used only for the formulation of a plant growth regulator for apples, pears, olives, avocado, mamey sapote, mango, non-bearing citrus, non-bearing nectarines and for ornamental, flowering and shade trees. Formulation into a plant growth regulator is prohibited for use on pineapples. Formulators using this product are responsible for obtaining EPA registrations for their formulated products.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Avoid contact with other pesticides, seeds, fertilizers or feedstuffs. Do not use in equipment or in a container in which you have handled or will handle other agricultural chemicals unless thoroughly cleaned.

**PESTICIDE STORAGE:** Store product in original container in a cool, dry, locked place out of direct sunlight. Do not store or transport near feed or food.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

## LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

Amvac Chemical Corporation  
4100 E. Washington Blvd.  
Los Angeles, CA 90023 U.S.A.  
1-323-264-3910