

5481-337

02-22-2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number:

Date of Issuance:

5481-337

FEB 22 2012

Term of Issuance:

Unconditional

Name of Pesticide Product:

**Alco Vitamin B-1
Hormone
Concentrate**

NOTICE OF PESTICIDE:

- Registration
- Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660**

Mailed to:

**Kelly K. Naujock
Regulatory Product Manager**

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.

EPA received a label amendment request submitted by email on February 14, 2012. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for 1-naphthaleneacetic acid have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Date:

FEB 22 2012

Tony Kish, Product Manager (22)
Fungicide Branch/Registration Division/OPP/OCSPP (7504P)

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Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

The basic Confidential Statement of Formula (CSF) dated 12/19/2011 and the Alternate CSFs #1 through #5 dated 1/5/2012 submitted in connection with reregistration under the Federal Insecticide, Fungicide and Rodenticide Act as amended are acceptable. These CSFs supersede all CSFs previously accepted for this product.

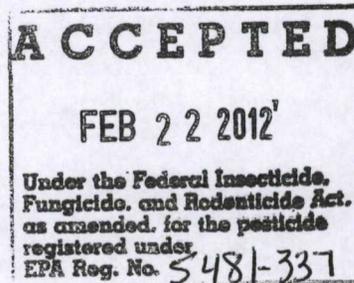
If you have any questions or comments regarding this letter, please contact Robert Westin at (703) 305-5721 or via e-mail at westin.robert@epa.gov.

Enclosure:

- Label stamped "Accepted"
- PRB Label Review dated 1/11/2012
- Acute Toxicity Review DP366602 dated 7/1/2009
- Product Chemistry Review DP397131 dated 1/6/2012 (CSF)
- Product Chemistry Review DP392381 dated 8/4/2011

ALCO VITAMIN B-1*

HORMONE CONCENTRATE



TO PREVENT TRANSPLANT SHOCK IN PLANTS

8 OUNCES MAKES UP TO 48 GALLONS

ACTIVE INGREDIENT:

1-Naphthaleneacetic Acid..... 0.11%

INERT INGREDIENTS:..... 99.89%

TOTAL: 100.00%

*Including Vitamin B-1, Thiamine Hydrochloride 0.17%.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible Call a poison control center or doctor for further treatment advice.
If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:

For Medical Emergencies phone 1-888-681-4261

For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC . 1-800-424-9300

For Product Use Information phone: AMVAC 1-888-462-6822

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

EPA Reg. No. 5481-337
EPA Est. No. 5481-CA-1

Net Weight:
As Marked on Container

AMVAC
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-888-462-6822 •

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin or inhaled. Avoid breathing vapor. Avoid contact with skin 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. Wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves made of any waterproof material

Personal Protective Equipment

All mixers, loaders, applicators, flaggers, and other handlers must wear:

Long-sleeved shirt and long pants,

Shoes plus socks.

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

User Safety Recommendations

Users should wash hands before eating drinking, chewing gum, using tobacco, or using the toilet

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment wastewaters. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

ALCO VITAMIN B-1 HORMONE CONCENTRATE IS A ROOT STIMULANT FORMULATED TO PREVENT AND OVERCOME TRANSPLANT SHOCK IN PLANTS

Alco Vitamin B-1 Hormone Concentrate is not a fertilizer but is intended for use to aid in the success of transplanting and establishing plant material.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with this 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 48 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,
- *shoes plus socks,
- *chemical-resistant gloves made of any waterproof material,
- *protective eyewear

Do not apply this product in a way that will contact any person, or pet, either directly or through drift. Keep people and pets out of the area during application.

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 broadcast use, the maximum application rate is 0.11 pound active ingredient per acre of NAA equivalent for all uses.

The maximum applications rate per year or crop cycle is not to exceed 0.33 pound active ingredient per acre of NAA equivalent.

The minimum interval between applications is to be no less than 5 days.

DIRECTIONS: For transplanting in general mix a solution of one teaspoonful of ALCO Vitamin B-1 Hormone Concentrate in one gallon of water. Thoroughly saturate the soil around the plant with the solution.

FOR USE ON CUTTINGS, POTTED PLANTS, TREES, SHRUBS, FLOWERS OR HOUSE PLANTS

ALCO Vitamin B-1 Hormone Concentrate should be used at the same dilution rate (1 tsp. per gallon water) applied at weekly intervals until the plants become established. After the plants are established, monthly applications of the same dilution rate are recommended. ALCO Vitamin B-1 Hormone Concentrate is not to be used for human consumption. To be used on plant material only.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product in its original container in a cool, dry, locked place out of reach of children.

PESTICIDE DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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 and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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.

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. TO THE

