

5481-9042

10-26-2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

OCT 26 2011

Ms. Joy Paff
Amvac Chemical Corporation
4696 MacArthur Court, Suite 1250
Newport Beach, CA 92660

Subject: Minor Label Revisions and Updated Limited Warranty Statement and Storage and Disposal Language.

Dear Ms. Paff:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 and 2007-4 dated October 3, 2011 for:

EPA Registration 5481-9042

Mocap® 20% Granular Lock 'n Load Nematicide-Insecticide®

The Registration Division (RD) has conducted a review of this request of applicability under PRN 98-10 and 2007-4 finds that the label changes(s) requested falls within the scope of PRN-98-10 and 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at daniel.dani@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Dani Daniel".

Dani Daniel
Registration Division (7504P)
Insecticide/Rodenticide Branch



United States
Environmental Protection Agency
Washington, DC 20460

NOTIFICATION

Registration
 Amendment

OPP Identifier Number

OCT 26 2011 Other

Application for Pesticide - Section I

1. Company/Product Number 5481-9042	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Mocap 20% Granular Lock 'n Load Nematicide Insecticide	PM#	
5. Name and Address of Applicant (Include Zip Code) Amvac Chemical Corporation 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below Final printed labels in response to Agency letter dated _____

Resubmission in response to Agency letter dated _____ "Me Too" Application

Notification - Explain below Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.) Notification of Minor Label Revisions, updated Limited Warranty and Storage and Disposal Statements.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the CSF of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wt. No. per container	If "Yes" Package wt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
40 Pounds

5. Location of Label Directions
 On Label
 On Labeling accompanying product

6. Manner in Which Label is Affixed to Product
 Lithographed Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Joy Paff	Title Regulatory Specialist	Telephone No. (Include Area Code) (949) 221-6123
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Certification
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

3. Title
Regulatory Specialist

4. Typed Name
Joy Paff

5. Date
October 3, 2011

8. Date Application Received (Stamped)



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October 3, 2011

Ms. Sherada Hobgood
Document Processing Desk
Office of Pesticide Programs (Notif)
U.S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

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**Subject: Notification of Minor Label Revisions and update of Limited Warranty Statement Per PR Notice 98-10 and Storage and Disposal Language Per PR Notice 2007-4
Mocap 20% Granular Lock 'n Load Nematicide Insecticide (EPA Reg. No. 5481-9042)**

Dear Sherada:

Please find enclosed the notification to revise labeling for the above listed product. We have updated the Limited Warranty Statement and Storage and Disposal Statement to comply with the language outlined in the Agency's PR Notices.

In support of this request, enclosed please find the following:

1. Application for Pesticide Registration (EPA Form 8570-1).
2. ~~Two~~ ^{One} copies of the label (Ref. No. 9042-20110930r1).
3. One highlighted copy of the label.
4. One copy of the Storage and Disposal Language supplied by EPA for Lock 'n Load Container.

It is my understanding that this satisfies the requirements of the Agency's PR Notice and will require no further action. If you have any questions or require additional information, please do not hesitate to contact me at 949-221-6123 or email joyp@amvac-chemical.com. Thank you for your attention to this matter.

Best regards,

Joy Paff
Regulatory Specialist

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RESTRICTED USE PESTICIDE NOTIFICATION

DUE TO ACUTE ORAL AND DERMAL TOXICITY

OCT 26 2011

For retail sale to and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.

MOCAP[®] 20% Granular Lock 'n Load[®]

Nematicide-Insecticide

CLOSED LOADING SYSTEM

For Use on Sugarcane Only

ACTIVE INGREDIENTS:

Ethoprop: (O-Ethyl S, S-Dipropyl Phosphorodithioate).....20%

INERT INGREDIENTS.....80%

EPA Reg. No. 5481-9042

EPA Est. No.



KEEP OUT OF REACH OF CHILDREN
DANGER POISON
PELIGRO



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

FIRST AID

Ethoprop is an organophosphate.

IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything by mouth to an unconscious person.
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 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. • Call a poison control center or doctor for treatment advice.

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:

Transportation: CHEMTREC.....1-800-424-9300
Other: AMVAC.....1-323-264-3910

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Severe symptoms and signs include diarrhea, pinpoint and non-reactive pupils, respiratory difficulty, pulmonary edema, cyanosis, loss of sphincter control, convulsions, and coma. Support respiration as needed. Measures should include removal of secretions, maintenance of a patent airway, and if necessary, artificial ventilation.

If cyanosis is absent, give ATROPINE 2-4 mg intravenously (0.05 mg/kg for children). Repeat atropine at 5-10 minute intervals until atropinization occurs (dry, flushed skin, tachycardia, pupillary dilatation), and maintain for 48 hours. If cyanotic, give initial atropine intramuscularly and start measures to improve ventilation.

Start 2-PAM (PROTOPAM, Ayerst) at the same time. Give 1-2 grams PROTOPAM (20-40 mg/kg for children) in 100cc saline over 15-30 minutes. If pulmonary edema is present, give intravenously slowly as a 5% solution in water over a period of at least 5 minutes. A second dose may be given after one hour if muscle weakness persists. Additional doses may be given cautiously for persistent muscle weakness. May be given by intramuscular or subcutaneous routes if intravenous administration is not feasible.

In case of skin contact, wash patient with soap and water followed by wash with 95% ethyl alcohol. Keep patient under constant observation for 24-36 hours. Symptoms may persist for one month.

The use of theophylline, morphine, barbiturates, phenothiazines, reserpine, and succinyl choline is contraindicated.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

Fatal if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Causes irreversible eye damage. Do not breathe dust. Do not contaminate feed or food.

SYMPTOMS OF POISONING: Nausea, vomiting, abdominal cramps, diarrhea, excessive salivation, headache, dizziness, weakness, blurring or dimness of vision, excessive tearing, loss of muscular coordination, slurring of speech, twitching of muscles (especially of tongue and eyelids), mental confusion, disorientation, drowsiness, difficulty in breathing (chest tightness), runny nose.

PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR LOCK 'N LOAD PACKAGING

Some materials that are chemical-resistant to this product are barrier laminant, butyl rubber (>14 mils), nitrile rubber (>14 mils) or viton (>14 mils). If you want more options, follow the instructions for category F on an EPA chemical-resistant category selection chart.

Loaders, applicators, and other handlers must wear:

- long-sleeve shirt and long pants, and
- shoes plus socks.

In addition, loaders must wear chemical-resistant gloves.

See engineering controls for additional requirements.

Handlers engaged in those activities for which use of an engineering control is not possible, such as cleaning up a spill or cleaning or repairing contaminated equipment, must wear:

- coveralls over long-sleeve shirt and long pants
- chemical-resistant gloves,
- chemical-resistant footwear plus socks,
- chemical-resistant headgear for overhead exposure, and
- a dust/mist respirator (MSHA/NIOSH) approval number prefix TC-21C, or a NIOSH approved respirator with any N,R,P, or HE filter.

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.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS FOR LOCK 'N LOAD PACKAGING

This product is formulated into a Lock 'n Load® system that meets the definition of a closed loading system in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. In addition, loaders must:

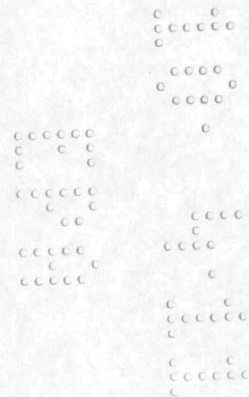
- wear PPE specified in the PPE section of this labeling,
- be provided with, have immediately available and must use, in for use in an emergency, such as a broken package, spill, or equipment breakdown, the PPE specified in the PPE section of this labeling for handlers engaged in those activities for which use of an engineering control is not possible.

Applicators using motorized ground equipment must use an enclosed cab that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, applicators must:

- wear the personal protective equipment required above for applicators,
- either wear the type of respirator specified in the PPE section of this labeling or use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as the type of

respirator specified in the PPE section of this labeling,

- be provided have immediately available for use in case of an emergency when they must exit the cab, the PPE specified in the PPE section of this labeling for handlers engaged in those activities for which use of an engineering control is not possible,
- take off any PPE that was worn in the treated area before reentering the cab, and
- store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.



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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms (fish and invertebrates), and wildlife and extremely toxic to birds. Birds feeding in treated areas may be killed. 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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Cover, incorporate or clean up granules that are spilled during loading or are visible on the soil surface in turn areas. Do not contaminate water when disposing of equipment wash water.

This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

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.

Do not allow this product to drift.

Granules lying on the soil surface in turn areas at row ends must be incorporated to remove possible hazard to birds and other wildlife.

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), notification to workers, and restricted-entry intervals. 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 workers to enter treated areas during the restricted entry interval (REI) of 48 hours. The 48 hour REI is increased to 72 hours in outdoor areas where average rainfall is less than 25 inches a year.

EXCEPTION: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early re-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 over long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material,
- chemical-resistant footwear plus socks, and
- protective eyewear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

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

STORAGE

Do not store in or around the home.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL FOR LOCK 'N LOAD PACKAGING

DO NOT DISCARD THE CONTAINER. Do not attempt to open or tamper with the container. Completely empty container into application equipment. Return empty container to point of purchase or call 1-888-GO-AMVAC for instructions. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

PRECAUTIONS AND RESTRICTIONS

- Not for Household Consumer use. Do not store or use in or around the home.

ROTATIONAL CROP RESTRICTIONS

- Do not plant leafy vegetables within 30 days of last application
- Do not plant small grains within 8 months of last application
- Except for potatoes and sweet potatoes, do not rotate to any root or tuber crops within 12 months of last application.

APPLICATIONS

- For application by ground equipment only. This product is to be soil incorporated or covered with soil to a depth of at least 2 to 4 inches, during or immediately following application by mechanical means, including by disc hiller, rotary tiller, rotary hoe or springtooth harrow.

SUGARCANE

APPLICATION TIMING	PESTS CONTROLLED	APPLICATION DIRECTIONS
at planting	nematodes wireworms	<p>BAND: Apply 1.4 to 2.8 pounds of MOCAP® 20% Granular Lock 'n Load® per 1,000 linear feet of row in 12 to 15 inch bands at-planting. Apply to seed pieces in opened furrow or beds and immediately cover with soil. Mix the soil with a disc hiller or other suitable equipment as the cane is covered.</p> <p>Use the higher rates in fields where nematode and/or wireworm infestations have been especially severe. Minimum 6-foot row spacing.</p>

RESTRICTIONS AND PRECAUTIONS FOR SUGARCANE

- Make only 1 application of this product per growing season.
- Do not apply in Long Island, NY.



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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 EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT 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.

MOCAP and Lock 'n Load are registered trademarks of Amvac Chemical Corporation.

NET CONTENTS:

Amvac Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA
323-264-3910

