

400-542

7/17/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Michael Dupre
Product Registration
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

JUL 17 2009

Subject: Notification for Label Revisions under PRN 98-10 and 2007-4
Storage & Disposal and Warranty Statement

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10, and 2007-4 Storage & Disposal and Other Changes dated June 29, 2009 for:

EPA Registration 400-542 "OFF SHOOT-T"

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

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

EPA	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company Product Name 400-542	2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company Product (Name) OFF-SHOOT-T	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Chemtura Corporation 199 Benson Road Middlebury, Connecticut 06749 <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 NOTIFICATION JUL 17 2009

Section II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____.
<input type="checkbox"/> Resubmission in response to Agency letter dated _____.	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Change in Container Disposal Statements, per PR Notice 2007-4.

This notification is consistent with the provisions of PR Notices 98-10 and 2007-4, and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of 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 this notification is not consistent with the terms of PR Notices 98-10 and 2007-4 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.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted	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) _____
	If "Yes" Unit Packaging wgt No. Per container	If "Yes" Packaging wgt No. Per container	

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 2 gal, 5 gal, 250 gal minibulk	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product (accordion booklet)
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6. Manner in Which Label is Affixed to Product

Lithograph Other accordion label
 Paper glued
 Stenciled

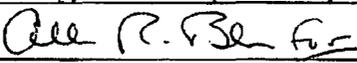
Section - IV

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

Name Allen R. Blem	Title Registration Specialist	Telephone No. (Include Area Code) (203) 573-2487 e-mail: allen.blem@chemtura.com
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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 statements may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Product Registration Manager, North America	6. Date Application Received (Stamped)
4. Typed Name Michael Dupre	5. Date 06/29/2009	

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Chemtura Corporation
199 Benson Road
Middlebury, Connecticut 06749

203-573-2000 tel
www.chemtura.com

June 5, 2008

Document Processing Desk (NOTIF)
Office of Pesticide Programs (P7505)
U.S. Environmental Protection Agency
2777 S. Crystal Drive
Room S-4900, One Potomac Yard, 4th Floor
Arlington, Virginia 22202-4501

Attention: Ms. Linda Arrington, Notifications
Registration Division (7504P)

Subject: **Amendment by the Notification Method, per PRN 2007-4 :
OFF-SHOOT-T® (EPA Reg. No. 400-542)**

Dear Ms. Arrington:

Chemtura Corporation (Company No. 400) herein submits an Application for Amendment of Registration by the Notification Method for **OFF-SHOOT-T (EPA Reg. No. 400-542)**, an end-use product containing the active ingredient Aliphatic Alcohols, C6-C16 (PC Code 79029). This Notification is submitted in response to PR Notice 2007-4, and revises the Container Disposal statements with the exact wording set forth in the regulations.

Warranty Statement: Please note that we have discussed the wording of this v. that discussed in the EPA letter dated 02-20-2007 with Tony Kish, the cognizant PM (22). Mr. Kish has no problem with the alternative wording that we used on this label.

We request that you send us a copy of the "Notification-Stamped" label, for those states that require such stamped label for their files.

If you have any questions about this notification, please contact either me or Allen Blem (Registration Specialist) at (203) 573-2487 or email

Sincerely,

Chemtura Corporation

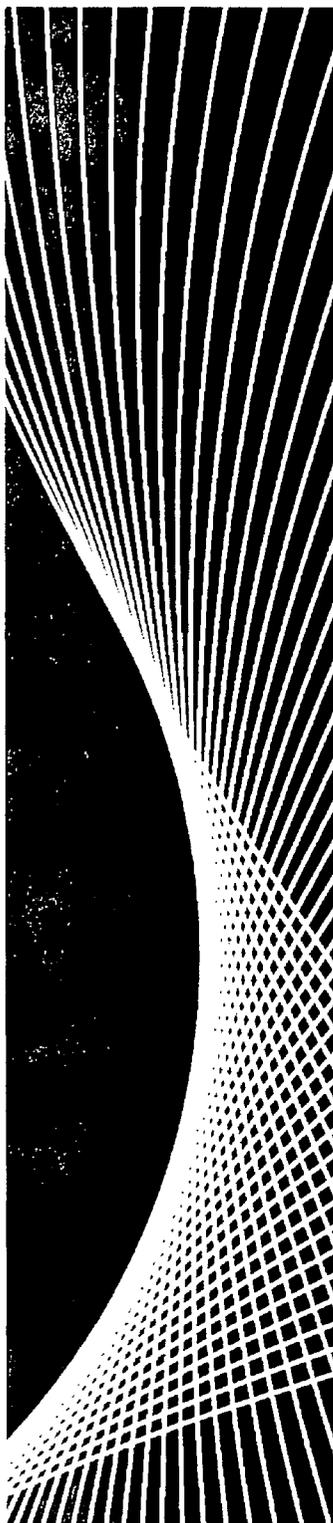
Michael Dupre
Product Registration Mgr., N.A.

Attachments:

- Form 8570-1, with certification statement
- OFF-SHOOT-T label version 003, 1 copy, marked up
- OFF-SHOOT-T label version 003, one clean copy

cc: [illegible]

Off-Shoot-T®



Tobacco Sucker Control Agent High Active Formula

Net
Contents:
5
gallons

Active Ingredients	
fatty alcohols (C ₆ -0.5% ; C ₈ -42% ; C ₁₀ -56% ; C ₁₂ -1.5%)*	85% **
Other Ingredients:	15%
Total	100%

*CAS No. 68603-15-6

**Contains 6.01 pounds of active ingredient per gallon

**Contains 721 grams of active ingredient per liter

KEEP OUT OF REACH OF CHILDREN WARNING • AVISO

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

- | | |
|-------------------|--|
| IF IN EYES | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
|-------------------|--|

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

EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	866-430-2775
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

EPA REG. NO. 400-542
EPA EST NO.
003

Manufactured for:
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749



www.chemtura.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear such as goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and Other Handlers Must Wear: long-sleeved shirt and long pants; chemical resistant gloves made of any water-proof material such as polyethylene or polyvinyl chloride; shoes plus socks; protective eyewear.

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

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 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. Read all label directions carefully before use.

Do not apply this product through any type of irrigation system.

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 24 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; chemical resistant gloves made of any waterproof material; shoes plus socks; protective eyewear.

OFF-SHOOT-T® is a carefully balanced combination of fatty alcohols and wetting agents used for the contact control of sucker growth on Burley, Flue-Cured, Dark, Maryland and Cigar tobacco. The concentrated product is diluted with water to form a creamy emulsion which is applied as a coarse spray. The emulsion is effective only when it comes in direct contact with the suckers; therefore, the material is applied so that maximum contact is made with the suckers.

**DIRECTIONS FOR APPLICATION
WHEN TO APPLY**

OFF-SHOOT-T can be applied either before or after topping. Best results are usually obtained by spraying the tobacco with OFF-SHOOT-T before topping in the early to late button stage and then topping the tobacco within a few days, removing any suckers that were missed. If you top the tobacco plants before spraying, remove any suckers over one inch in length as you top and apply OFF-SHOOT-T immediately after topping. Because OFF-SHOOT-T is a contact type agent, it is necessary to straighten any plants that are leaning so that the emulsion flows down the stalk evenly and contacts each sucker.

OFF-SHOOT-T can be applied any time during the day. For best results, we recommend that you wait until the dew dries before spraying. Do not apply during the rain or when plants are wet. If, however, it rains after OFF-SHOOT-T has been on the plants for over an hour, you should not have to apply OFF-SHOOT-T again. Do not spray after the leaves begin to close in the evening. Because the underside of leaves may be injured by contact with OFF-SHOOT-T, do not apply when the wind is high enough to turn top leaves over.

HOW MUCH TO APPLY

Flue-Cured: For Power Sprayer - use 1.5 to 2.5 gallons in 50 gallons of water. For Hand Sprayer - use 4 to 5 fluid ounces per gallon of water.

Burley: For Power Sprayer - use 1.75 to 2 gallons in 50 gallons of water. For Hand Sprayer - use 4 to 5 fluid ounces per gallon of water.

Dark: Use 6 to 8 fluid ounces per gallon of water to apply with hand sprayer.

Cigar: Use 4 to 5 fluid ounces per gallon of water to apply with hand sprayer.

Maryland: Use 4 to 4.5 fluid ounces per gallon of water to apply with hand sprayer.

When applied by hand, 1 gallon of diluted OFF-SHOOT-T will treat approximately 190 plants. If a power sprayer is used, 40 to 60 gallons of diluted product should be applied per acre of tobacco.

HOW TO APPLY

The diluted emulsion is most easily prepared by adding the required amount of OFF-SHOOT-T to your spray tank and then adding the water. In order to obtain the best results, it is important that the water be added to the OFF-SHOOT-T, rather than OFF-SHOOT-T to the water.

If you use a hand-held or back-pack sprayer, the diluted emulsion should be applied at a rate of $\frac{2}{3}$ to 1 fluid ounce per plant (or enough to assure run down to the bottom of the plant). A coarse spray is recommended, directed downward at the top of the stalk from 6 to 8 inches above the top leaves. Very little tank pressure is required, and in no case should more than 20 pounds per square inch (psi) be used.

When applied with power equipment, use three nozzles per row (TG-3 full-cone tips, or equivalent is recommended). Replacing the center TG-3 nozzle with a TG-5 full-cone nozzle, which provides more spray solution down the stalk, is also recommended. One nozzle should be directed downward over the center of the row and one should be 9 inches on either side directly at or slightly above the top of the stalk. Apply the diluted OFF-SHOOT-T to the tobacco as a coarse spray 12 to 16 inches above the top of the stalk. Keep the boom pressure at 20 to 25 psi, and never exceed 25 psi. If you use the recommended spray tips, spray at approximately 20 psi pressure, and operate at ground speed of 2.5 to 3 mph, you will apply approximately 50 gallons of diluted emulsion per acre of tobacco.

HOW OFTEN TO APPLY

In many cases a single application of OFF-SHOOT-T is satisfactory to control both primary and secondary suckers. On uneven tobacco or if secondary sucker growth appears vigorous, 2nd and 3rd applications 3 to 5 days apart may be advantageous. It is often best to use a 5% concentration (2.5 gallons in 50 gallons of water) for the second and third applications.

To help avoid using more than the recommended amount of maleic hydrazide (MH), a 5% application of OFF-SHOOT-T can also be made 3 to 4 weeks after applying MH. This application should be made when suckers are less than one inch in length, or suckers longer than one inch should be removed by hand.

Some growers of Burley, Flue-Cured, and Dark tobacco may favor a sequential treatment using OFF-SHOOT-T (not for the early button stage) followed 1-2 weeks later with Royal MH-30® (or other MH systemic sucker control agent) used in accordance with manufacturer's instructions. If this sequential treatment is used on Burley or Flue-Cured tobacco, application of 1.5 to 2 gallons of OFF-SHOOT-T in 50 gallons of water is adequate. If a sequential treatment is used on Dark tobacco, OFF-SHOOT-T

should be used at 6 to 9 fluid ounces per gallon of water if applied by hand sprayer.

APPLICATION NOTES

If allowed to stand for more than 30 minutes, the diluted emulsion may separate. Always mix well before use.

DO NOT MIX OFF-SHOOT-T WITH OTHER CHEMICALS SUCH AS INSECTICIDES OR DEFOAMERS. Do not apply to tobacco plants that have recently been treated with other chemicals. Be sure that all spray equipment is clean before using.

In Burley tobacco, during long periods of high heat and humidity, and under other conditions that may favor the spread of hollow stalk or dry rot disease, delay application of OFF-SHOOT-T until these conditions pass.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or in an approved waste disposal facility.

EQUIPMENT CLEANING: This product is not corrosive to spray equipment. Following applications, all spray equipment should be thoroughly rinsed with water. Do not contaminate water when disposing of equipment washwater or rinsate.

CONTAINER DISPOSAL

Nonrefillable Container

Plastic Containers: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer container for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Triple rinse as follows: For containers small enough to shake: Empty the remaining contents into application or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ 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.

Recycling: Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or www.acrecycle.org.

Refillable Container

Mini-Bulk or Bulk Containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

IMPORTANT NOTICE- Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use for this product, contrary to label instructions, or under conditions not reasonably foreseeable to seller, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

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