



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 3, 2020

Christine Villegas
Regulatory Manager
UPL, NA Inc.
630 Freedom Business Center #402
King of Prussia, PA 19406

Subject: Notification per PRN 98-10 – Updating Storage and Disposal statement
Product Name: STARTUP ACE98 SEED TREATMENT
EPA Registration Number: 70506-352
Application Date: October 7, 2019
Decision Number: 558394

Dear Ms. Villegas:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records. Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact please contact Shanta Adeeb at 703-347-0502 or by email at adeeb.shanta@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Shanta Adeeb".

Shanta Adeeb, Product Manager 10
Invertebrate-Vertebrate Branch 2
Registration Division (7505P)
Office of Pesticide Programs

NOTIFICATION

70506-352

STarTUP Ace98 Seed Treatment
October 7, 2019

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

ACEPHATE	GROUP	1	INSECTICIDE
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04/03/2020

STarTUP ACE98 SEED TREATMENT

ACTIVE INGREDIENT	By Wt.
Acephate (O,S-Dimethyl acetylphosphoramidothioate)	98.3%
OTHER INGREDIENTS	1.7%
TOTAL	100%

U.S. Patent Nos. 6,752,943 and 6,875,381

[OPTIONAL REFERRAL STATEMENT FOR COMMERCIAL PACKAGING: *optional*

wording for use on commercial labeling; location on printed labels may vary:

"See inside for additional Precautionary Statements and complete Directions for Use";

"See attached booklet for additional Precautionary Statements and complete Directions For Use";

"See containers inside for additional Precautionary Statements and complete Directions For Use".]

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
Contains an organophosphate that inhibits cholinesterase.	
IF SWALLOWED	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by the 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 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 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the Rocky Mountain Poison and Drug Safety at 1-866-673-6671 for emergency medical assistance.	
NOTE TO PHYSICIAN	
Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone.	

For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC at 1-800-424-9300

Net Contents: _____ Pounds

Batch/Lot # _____

EPA Reg. No. 70506-352

EPA Est. No. _____

UPL NA Inc.* 630 Freedom Business Center, Suite 402 * King of Prussia, PA 19406 * 1-800-438-6071

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust or vapors. When handling the product, wear chemical-resistant gloves, long-sleeved shirt, long pants and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and launder contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders and other handlers must wear:

- long-sleeved shirt, long pants, shoes and socks.
- chemical resistant gloves made of any waterproof material for all mixers and loaders and for applicators using hand-held application equipment

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds.

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 cleaning equipment or disposing of equipment washwater or rinsate.

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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 Eliminations System (NPDES) permitted 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.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing/PPE 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.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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 and shoes plus socks.

USE DIRECTIONS FOR COMMERCIALY TREATED COTTONSEED

PESTS CONTROLLED	AMOUNT OF STartUP ACE98 PER 100 LBS. COTTONSEED	EFFICACY	RESTRICTIONS
Cotton Aphids Thrips (including Western Flower Thrips)	0.28 - 0.4 lb. (4.5 - 6.4 oz.) Note: lower rate not approved for use in California.	Gives effective reduction of thrips and cotton aphids for up to three weeks after planting.	When using formulations that do not contain dye, compliance with 21 CFR Chapter 1, Section 2.5 requires that all seed treated with a pesticide must be colored to distinguish from, and prevent inadvertent use as, food for man or feed for animals.
Black (Greasy) Cutworm	0.28 - 0.4 lb. (4.5 - 6.4 oz.) Note: lower rate not approved for use in California.	Gives effective reduction of Black (Greasy) Cutworm from planting through the 3 rd to 4 th leaf stage of development. When planting into fields where large cutworms are present (5 th instar and larger), economic damage may occur.	<p>Seed Container Label Requirements</p> <p>Seed commercially treated with STartUP ACE98 Seed Treatment, must be labeled in compliance with the Federal Seed Act.</p> <p>In addition, all bags containing treated seed must be labeled or tagged with the following information:</p> <ul style="list-style-type: none"> - This seed has been treated with STartUP ACE98 Seed Treatment, which contains acephate. - Do not use treated seed for feed, food or oil processing. - Store away from feeds and other foodstuffs. - Wear long-sleeved shirt, long pants, and chemical-resistant gloves when handling treated seed. - Dispose of seed packaging in accordance with local requirements. - Exposed treated seed may be hazardous to birds. Dispose of all excess treated seed by burial away from bodies of water. Cover or incorporate spilled treated seeds. <p>Notes:</p> <p>Follow all precautions and limitations on labeling of all products used in mixtures.</p>

RESTRICTIONS:

Do not use treated seed for food or feed purposes or process for oil.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute product into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not contaminate food or foodstuffs. Do not store near feed or food.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING:***[Nonrefillable paper and plastic bags]***

Nonrefillable container. Do not reuse or refill this container.

Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities.

[Nonrefillable fiber drums with liners]

Nonrefillable container. Do not reuse or refill this container.

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities. If burned stay out of smoke. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT****CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of UPL NA Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of UPL NA Inc. and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold UPL NA Inc. and Seller harmless for any claims relating to such factors.

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Rev. 10/07/2019