

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

59639-75

DATE OF ISSUANCE

FEB 5 1993

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Payload 15 Granular

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Valent U.S.A. Corporation
1333 N. California Blvd., Suite 600
Walnut Creek, CA 94596-8025

7 S412289 165/18

S424613 166/19

L S432860 166/17

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

This product is conditionally registered in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Within one year of the date of registration you must submit studies to satisfy the following toxicology data requirements:

- a. Acute inhalation toxicity - rat (guideline reference no. 81-3)
- b. Primary dermal irritation study (guideline reference no. 81-5)
- c. Dermal sensitization (guideline reference no. 81-6).

3. Make the labeling changes listed below before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 59639-75.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE FEB 5 1993

- b. The active ingredient statement is not correct. According to the Confidential Statement of Formula (CSF) on file with the Agency the percent active ingredient should be listed as 15.2% since this would reflect the nominal concentration. Either correct the label so that it states 15.2% or revise the CSF so that the percent by weight of the active ingredient (block 13.b.) calculates out to equal 15%.

- c. The Precautionary Statements must be changed to read:

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Please note revisions to the Precautionary Statements may be required upon submission of the required toxicology studies.

- d. The Statement of Practical Treatment must be revised to read:

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth, to an unconscious or convulsing person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

Please note revisions to the Statement of Practical Treatment may be required upon submission of the required toxicology studies.

- e. Under the ENVIRONMENTAL HAZARDS section add the following sentence to the end of the paragraph:

"Do not contaminate water by cleaning of equipment or disposal of wastes."

- f. The reentry statement must be changed to read:

"Do not enter treated areas for 12 hours after application."

4. Submit a revised CSF. The percent by weight as stated above, has been calculated incorrectly. The percent by weight of the technical is calculated by dividing the amount of product (block 13.a.) by the total weight (block 17.). The percent by weight of the active ingredient is calculated by multiplying the

percent by weight of the product by the percent of the technical. Also, the stated certified limits (block 14.a. and 14.b.) are incorrect and need to be revised.

5. Submit one copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

RAF

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

- Enclosure:
- 1) Stamped label
 - 2) A-79 Enclosure
 - 3) A copy - Registration Support Branch review
 - 4) A copy - Ecological Effects Branch review
 - 5) A Confidential Statement of Formula (Form 8570-4)

PAYLOAD™ 15 Granular Proposed Label

FRONT PANEL:

VALENT®
Valent U.S.A. Corporation

PAYLOAD™
15 Granular

Soil Applied Systemic Insecticide

Active Ingredient	By Wt.
* Acephate (O,S-Dimethyl acety phosphoramidothioate	15%
Inert Ingredients	85%

* ORTHENE, Acephate
U.S. Pat. No. 3,914,417

ORTHENE 15 Granular
U.S. Patent Pending Application 07/674,857

KEEP OUT OF REACH OF CHILDREN [12 Pt]

CAUTION [18 Pt.]
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

NET WEIGHT 25 POUNDS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 5 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59639-75

5048

SIDE PANELS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be harmful if swallowed. Keep out of reach of children.

STATEMENT OF PRACTICAL TREATMENT: If swallowed, drink 1 or 2 glasses of water (or milk) and induce vomiting by touching back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center.

Note to Physicians: Emergency Information - call 1-800-892-0099. 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.

WORKER SAFETY

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING/LOADING AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE, AND (areas for which a reentry interval has been established) EARLY REENTRY INTO TREATED AREAS: chemical-resistant gloves, long sleeved shirt, long legged pants, shoes and socks. **WORK SAFETY:** Always wash hands, face and arms with soap and water before smoking, eating, drinking or toileting. **AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job.

Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to birds. Cover or soil incorporate spills. Soil incorporate (disc) any surface material present in turn-rows immediately after application to limit exposure of birds to surface granules. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE:

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

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

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REENTRY STATEMENT

Keep all unprotected persons out of operating areas. Do not enter treated areas without protective clothing until dusts have settled.

Certain states may require more restrictive reentry intervals; consult your State Department of Agriculture for further information.

Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or areas about to be treated.

DIRECTIONS

CROP	INSECT	RATE PER ACRE	FURTHER USE INSTRUCTIONS
Cotton	Thrips Cutworms Aphids	5 to 6 2/3 lbs. (0.75 to 1.0 lb. ai/)	Apply with in-furrow granular application equipment at planting. Minimize surface application by ensuring adequate application depth (2" minimum) and immediate coverage of furrows with soil. Calibrate and adjust application equipment to insure proper rate and accurate placement. Soil incorporate (disc) any surface material present in turn-rows immediately after application. Use the higher end of the rate range in areas which historically experience prolonged early season insect pressure due to factors such as adjacent alternate hosts, i.e., maturing cereal grains, weedy underbrush, etc. Cotton treated with the lower end of the rate range may display more visible feeding symptoms and require subsequent foliar application(s) of insecticide to control prolonged infestations of early season insects.

CALIBRATION GUIDE

Use Rate Lbs/A (lbs. ai/A)

Row Ft (rf) to Collect 1 oz. PAYLOAD™ 15 Granular

ROW SPACING	5 lbs/A (0.75)	5 1/2 lbs/A (0.83)	6 lbs/A (0.9)	6 2/3 lbs/A (1.0)
30"	218 rf	198 rf	182 rf	163 rf
36"	182 rf	165 rf	151 rf	136 rf
38"	172 rf	156 rf	143 rf	129 rf
40"	163 rf	149 rf	136 rf	123 rf

When applied to soil in which adequate moisture for germination and normal seedling growth is maintained, either by irrigation or rainfall, the active ingredient in PAYLOAD™ 15 Granular is quickly absorbed by the roots and translocated in the xylem throughout the entire plant. Insufficient moisture after application will result in a lack of insect control.

STORAGE AND DISPOSAL [12 pt.]

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container
Store in a cool, dry place. Protect from excessive heat.
Do not contaminate food or foodstuffs.
Do not store or transport near feed or food.
For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099, or Chemtrec at 1-800-424-9300.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty bag into application equipment. Do not reuse container. Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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IMPORTANT INFORMATION, READ BEFORE USING PRODUCT

LIMITED WARRANTY:

1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make, nor authorizes any agent or representative to make, any other warranty, guarantee, or representation, express or implied, concerning this product. Specifically, **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.**

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage and use of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

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ORTHENE® - Reg. TM Chevron Chemical Company for acephate insecticide.

**Manufactured for
Valent U.S.A. Corporation 1993
Walnut Creek, CA 94596-8025
Form 377-A Made in U.S.A.
EPA Registration No. 59639 - [Pending]
EPA Establishment No. 33560-TN-01**