



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

84229-46

Date of Issuance:

8/8/17

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Tide Clethodim 70% MUP

Name and Address of Registrant (include ZIP Code):

Ann Tillman
Agent for Tide International USA
Tide International USA
c/o Pyxis Regulatory Consulting, Inc.
4110 136th St. Ct. NW
Gig Harbor, WA 98332

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 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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Erik Kraft, Product Manager 24
Fungicide & Herbicide Branch, Registration Division (7505P)

Date:

8/8/17

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 84229-46.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/01/2016

If you have any questions, please contact Lisa Pahl by phone at (703) 347-0459, or via email at pahl.lisa@epa.gov.

Enclosure: Product chemistry review dated 08/02/2017, DP#437072; Similarity memorandum dated 12/13/2016, DP#437079



Tide Clethodim 70% MUP
FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT:

Clethodim [(E)-2-[1-[[[3-chloro-2-propenyl]oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one]	70.0%
OTHER INGREDIENTS:	30.0%
TOTAL:	100.0%

Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN
WARNING

FIRST AID	
If on skin:	- 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:	- 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:	- Immediately call a poison control center or doctor. - Do not induce vomiting unless told to do so by the poison control center or doctor. - Do not give any liquid to the person. - Do not give anything by mouth to an unconscious person.
If inhaled:	- 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.

NOTE TO PHYSICIAN

Contains petroleum distillates. Ingestion of this product or subsequent vomiting may result in aspiration of light hydrocarbon liquid which can cause pneumonitis. Probable mucosal damage may contraindicate the use of gastric lavage.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical treatment information.

EPA Reg. No. 84229-
EPA Est. No.

Manufactured for:
Tide International, USA, Inc.
21 Hubble
Irvine, CA 92618

Net Contents: xx gal.

Lot No. See container

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING. Causes skin irritation and moderate eye irritation. Harmful if swallowed or absorbed through skin. May cause allergic skin reaction. Do not get on skin or clothing. Avoid contact with eyes. Wash thoroughly with soap and water after

handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

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 Elimination System (NPDES) permit 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.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not mix or allow in contact with oxidizing agents. Harmful chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for formulation into end use herbicide products for the following use(s): Terrestrial Non-Food Uses: outdoor non-food uses: ornamentals, non-bearing food crops, conifer and Christmas trees, fallow land (and non-producing agricultural areas), non-crop or non-planted areas, residential outdoor areas, golf courses, Terrestrial Food Uses: Crop Subgroup 1B: Root Vegetables (except Sugar Beet); Crop Subgroup 1C: Tuberous and Corn Vegetables; Crop Group 2: Leaves of Root and Tuber Vegetables; Crop Subgroup 3-07A: Onion, Bulb; Crop Subgroup 4A: Leafy Greens; Crop Subgroup 4B: Leaf Petioles; Crop Subgroup 5A: Head and Stem Brassica; Crop Subgroup 5B: Leafy Brassica Greens; Crop Group 6: Legume Vegetables (Succulent and Dried), except Soybean; Crop Group 8-10: Fruiting Vegetables; Crop Subgroup 9A: Melon; Crop Subgroup 9B: Squash/Cucumber; Crop Group 11-10: Pome Fruit; Crop Group 12-12: Stone Fruit; Crop Subgroup 13-07A: Caneberry; Crop Subgroup 13-07B: Bushberry; Crop Subgroup 13-07G: Low Growing Berry except Cranberry; Crop Subgroup 19A: Herbs; Crop Subgroup 20A: Rapeseed; Crop Subgroup 20B: Sunflower; Crop Subgroup 20C: Cotton Seed; individual Crops: alfalfa (including sainfoin, holy clover, birdsfoot trefoil), arichoke (Globe), asparagus, canola, clover, cotton; cranberry; dry bean; field corn; flax; garlic; hops; leaf lettuce; mint (peppermint and spearmint); mustard seed; Onion, dry bulb; Onion, green; peach; peanut (including perennial); safflower; sesame; soybean; stavia, dried leaves; strawberry; sugar beet; sunflower; turnip. Uses for which EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration. Uses for experimental purposes that are in compliance with EPA registration for the formulated products. Each formulator is responsible for obtaining EPA registration for their end-use product(s).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. PESTICIDE STORAGE: Store in a cool, dry place away from food, drink and animal feeding stuffs. Store in original container and out of reach of children, preferable in a locked storage area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility. 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the inside into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

CONDITION 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 must be followed carefully. Tide International, USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Tide International, USA, Inc., and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, TIDE INTERNATIONAL, USA, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. To the extent consistent with applicable law, neither Tide International, USA, Inc. nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF TIDE INTERNATIONAL, USA, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF TIDE INTERNATIONAL, USA, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT. Tide International, USA, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Tide International, USA, Inc. [EPA approval date]