



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 24, 2021

Ann M. Tillman  
Agent  
Zhejiang Tide Crop Science Co., Ltd.  
c/o Pyxis regulatory Consulting Inc.  
4110 136<sup>th</sup> St. Ct. NW  
Gig Harbor, WA 98332

Subject: PRIA Label Amendment – Adding already approved uses  
Product Name: Tide Clethodim 70% MUP  
EPA Registration Number: 80697-17  
Application Date: 10/28/2020  
Decision Number: 567381

Dear Ms. Tillman:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Francisco Llarena-Arias by phone at 703-347-0459, or via email at [llarena-arias.francisco@epa.gov](mailto:llarena-arias.francisco@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Shaja B. Joyner". The signature is written in a cursive style with a large initial 'S'.

Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

Enclosure

[Note to reviewer: [Text] in brackets indicates optional text].



**Tide Clethodim 70% MUP  
FOR MANUFACTURING USE ONLY**

**ACTIVE INGREDIENT:**

Clethodim [(E)-2-[[[(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	
<b>If on skin:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</li> <li><b>DO NOT</b> induce vomiting unless told to do so by the poison control center or doctor.</li> <li><b>DO NOT</b> give any liquid to the person.</li> <li><b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<p align="center"><b>NOTE TO PHYSICIAN</b></p> <p>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.</p>	
<p align="center"><b>HOT LINE NUMBER</b></p> <p>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.</p>	

[See] [inside] [label] [booklet] [for] [First Aid] [,] [additional] [Precautionary Statements] [,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions] [,]

EPA Reg. No. 80697-17

EPA Est. No.

Net Contents: xx gal.

Lot No. See container

**Manufactured for:**

Zhejiang Tide CropScience Co., Ltd.  
21 Hubble  
Irvine, CA 92618

**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.

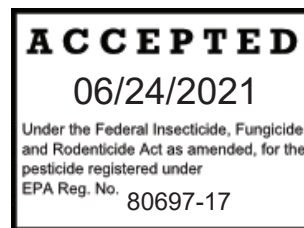
**DIRECTIONS FOR USE**

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 (rights-of-way including railroads, highways, roads, dividers, medians, pipelines, public utility lines, pumping stations, transformer stations and substations. Around airports, electric utilities, commercial buildings, manufacturing plants, storage yards, rail yards, fence lines, parkways, and post-harvest crop-lands, beneath greenhouse benches and around golf courses), residential outdoor areas, golf courses.

**Terrestrial Food Uses:** Crop Subgroup 1B: Root Vegetables (except Sugar Beet); Crop Subgroup 1C: Tuberous and Corm Vegetables; Crop Group 2: Leaves of Root and Tuber Vegetables; Crop Subgroup 3-07A: Onion, Bulb; Crop Subgroup 3-07B: Onion, Green; Crop Subgroup 4-16A: Leafy Greens; Crop Group 5-16: Brassica Head and Stem Vegetables; Crop Group 6: Legume Vegetables Succulent and Dried (except Soybean); Crop Group 8-10: Fruiting Vegetables (except Okra); 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 Group 14-12: Tree Nuts; Crop Subgroup 19A: Herbs; Crop Subgroup 20A: Rapeseed (except Flax Seed); Crop Subgroup 20B: Sunflower; Crop Subgroup 20C: Cotton Seed; Crop Subgroup 22A: Stalk and Stem Vegetable; Crop Subgroup 22B: Leaf Petiole Vegetable.

**Individual Crops:** alfalfa (including sainfoin, holy clover, birdsfoot trefoil); artichoke (Globe); clover; cranberry; field corn; flax seed; hops; mint (peppermint and spearmint); okra; peanut (including perennial); radish tops; soybean; stevia, dried leaves; sugar beet (including tops). 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] [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 rinsate 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.]

[REFILLABLE CONTAINER] [Refillable container. 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 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 rinsing procedure two more times. Return to point of sale or offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.]

### 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. Zhejiang Tide CropScience Co., Ltd. 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 Zhejiang Tide CropScience Co., Ltd., and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ZHEJIANG TIDE CROPSCIENCE CO., LTD. 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 Zhejiang Tide CropScience Co., Ltd. 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 ZHEJIANG TIDE CROPSCIENCE CO., LTD. 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 ZHEJIANG TIDE CROPSCIENCE CO., LTD. OR SELLER, THE REPLACEMENT OF THE PRODUCT.** Zhejiang Tide CropScience Co., Ltd. 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 Zhejiang Tide CropScience Co., Ltd.

[EPA approval date]