



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 23, 2023

Anna Hale
Registration Manager
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

Subject: Registration Review Label Amendments Incorporating Mitigation from the Fish and Wildlife Services (FWS) and the National Marine Fisheries Services (NMFS) Biological Opinions on the Effects of Malathion on Endangered and Threatened Species and Designated Critical Habitat
Product Name: Drexel Malathion Technical
EPA Registration Number: 19713-402
Application Dates: 4/29/2022 and 7/25/2022
Decision Numbers: 584310 and 589936

Dear Anna Hale:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the FWS and NMFS' Biological Opinions on the effects of malathion on federally listed endangered and threatened species and designated critical habitat in accordance with section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 et seq.). The Agency has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

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

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CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 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.

If you have any questions, please contact Carolyn Smith by phone at (202) 566-2273 or via email at smith.carolyn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly Sherman". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Kelly Sherman
Chief, Risk Management Implementation Branch 3
Pesticide Re-evaluation Division
Office of Pesticide Programs

Enclosure

ACCEPTED
 08/23/2023
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act as amended, for the
 pesticide registered under
 EPA Reg. No. 19713-402



Malathion Technical

An Insecticide and Miticide For Formulating Use Only.

ACTIVE INGREDIENT:
 Malathion*..... 96.5%

OTHER INGREDIENTS: 3.5%

TOTAL: 100.0%

*This product contains 9.9 pounds of malathion per gallon.

Not for sale or use after [insert date 1 year from the date of production].

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

See FIRST AID Below

EPA Reg. No. 19713-402
 EPA Est. No. 19713-XX-XXX

Net Content: _____

FIRST AID
<p>IF ON SKIN OR CLOTHING:</p> <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.</p>
<p>NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal.</p>

Manufactured For:
Drexel Chemical Company
 P.O. BOX 13327, MEMPHIS, TN 38113-0327
 SINCE 1972

402SP-0314*

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. 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.

DIRECTIONS FOR USE

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

This product may only be formulated into registered end-use products with EPA-approved labeling that contains the language and restrictions per “Appendix A, A-C. General Measures – Summary of Label Changes” in the U.S. Fish and Wildlife Service’s malathion nationwide Final Biological Opinion, dated February 28, 2002.

This product may only be formulated into registered end-use products with EPA-approved labeling that contains the following language per the Terms and Conditions of the U.S. Fish and Wildlife Service’s Malathion Nationwide Final Biological Opinion, dated February 28, 2022.

This product may only be formulated into registered end-use products with EPA-approved labeling that contains the language and restrictions per “Appendix A, A-c. General Measures-Summary of Label Changes” in the U.S. Fish and Wildlife Service’s malathion nationwide Final Biological Opinion, dated February 28, 2022, and the conservation measures listed in the “Description of the Action” in the National Marine Fisheries Service nationwide Final Revised Biological Opinion: Chlorpyrifos, Diazinon, Malathion, dated June 30, 2022.

This product may only be formulated into registered end-use products with EPA-approved labeling that contains the following language and restrictions (to be placed at the beginning of the “Directions for Use” section of all end-use products labels): “ENDANGERED SPECIES PROTECTION REQUIREMENTS”: It is a Federal offense to use any pesticide in a manner that results in an unauthorized “take” (e.g., kill or otherwise harm) of an endangered species, and certain threatened species, under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

This product may only be formulated into registered end-use products with EPA-approved labeling that contains the following language and restrictions (to be placed at the beginning of the “Directions for Use” section, after the Endangered Species Protection Requirements section of all end-use product labels, and at the beginning of the “Environmental Hazards” section of all end-use product labels): Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call [insert registrant’s phone number].

RESTRICTIONS:

- This product cannot be formulated into end-use products that are formulated as a pressurized (i.e., aerosol) can.
- Any ULV end-use products formulated for use for aerial applications, other than those with directions for use in Wide Area Mosquito Adulticide applications, must be packaged in closed mixing and loading systems.
- All wettable powder (WP) formulations must be packaged in water soluble packaging.
- This product cannot be formulated into end-use products formulated as a dust with directions for use in residential settings.

This product may be used only for formulation into an insecticide, for

(1) The following uses:

AQUATIC FOOD CROPS:**

Rice and Wild rice.

****Restrictions:** When formulating this product for use on these crops, the following statement applies: "Broadcast use only over intermittently flooded area. Applications may not be made around bodies of water where fish or shellfish are grown and/or commercially harvested."

DOMESTIC AND NON-DOMESTIC OUTDOORS:

Garbage dumps, outdoor perimeter of domestic dwellings, wide area and general outdoor treatment (for flying insects).

TERRESTRIAL FOOD CROPS:

Alfalfa, Avocado, Barley, Beans* (Dry, Succulent), Birdsfoot trefoil, Blueberry, Cherry (Sweet, Tart), Clover, Corn (Field, Pop, Sweet), Cotton, Cucumber, Eggplant, Endive, Garlic, Grain sorghum*, Grapefruit, Grapes, Grass, Kumquat, Leek, Lemon, Lespedeza, Lettuce (Head, Leaf), Lime, Lupine, Oats, Onions (Bulb, Green, Shallots), Orange, Pasture land, Pepper, Potato (White), Range land, Rye, Squash, Strawberry, Tangerine, Tomato, Vetch, and Wheat.

*When formulating this product for use on Beans and Sorghum, the resultant crop foliage of Beans (forage and straw/hay) and Sorghum (fodder/stover and forage) cannot be used as livestock feed. In addition, livestock grazing is not permitted for the foliage of Beans and Sorghum treated with any formulation of this product.

TERRESTRIAL NON-FOOD CROPS:

Christmas tree plantations, Ornamental flowering plants, Ornamental lawns (spot treatment only) and turf (spot treatment only and not for use on golf courses), Ornamental herbaceous/nonflowering plants and ornamental and/or shade trees, Ornamental woody plants, Pine seed orchards, and uncultivated non-agricultural area.

(2) Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration (which are not prohibited); and

(3) Uses for experimental purposes that are in compliance with U.S. EPA requirements.

STORAGE AND DISPOSAL

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

STORAGE: This product should be stored in the original unopened container in a secure dry place. Do not contaminate with other pesticides or fertilizers. This product should never be heated above 55°C (131°F) and should not be stored for long periods of time at a temperature in excess of 25°C (77°F).

PESTICIDE DISPOSAL: To avoid wastes, empty all materials into a mix tank or manufacturing equipment according to label directions. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable Container (rigid material; 5 gallons up to < 250 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container one-fourth 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 time. Empty the rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container 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 (≥ 250 Gals. and Bulk): 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 final disposal, empty the remaining contents from this container into manufacturing equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY—CONDITIONS OF SALE

To the extent consistent with applicable law, Manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purposes referred to in the “*DIRECTIONS FOR USE*”. Manufacturer makes no other warranties, expressed or implied, including fitness or merchantability. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale and is accepted as such by the Buyer.

The Drexel logo is a registered trademark of Drexel Chemical Company.