

PM 04

70907-6

11/18/99

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 18, 1999

Mr. Lawrence A. Miller
GHARDA USA Inc.
115 Obtuse Hill
Brookfield, CT 06804

Subject: Chlorpyrifos 6 Manufacturing Concentrate
EPA Reg No.: 70907-6
Submissions dated: Aug 12, 1999 & Aug 23, 1999

Dear Mr. Miller:

The revised labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the current label is enclosed. The Agency will change the official name of record to "Chlorpyrifos 6 Manufacturing Concentrate". The use sites proposed for this MUP have previously been approved for use on your chlorpyrifos technical label (70907-1) and are approved for addition to this label. In addition, the Agency accepts your CSF dated August 10, 1999. The revised CSF replaces and supersedes all previous CSFs for this product.

Please submit two copies of your final, printed labeling to me prior to releasing the product for shipment. If you have questions, please contact me at (703) 308-6742 or electronically at McNeilly.Dennis@EPA.gov.

Sincerely,

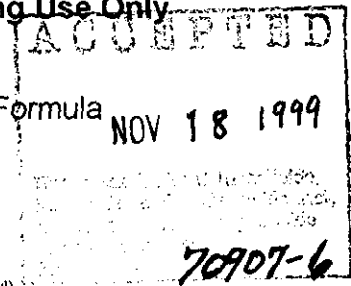
Dennis McNeilly, Chemist
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure (stamped label)

CHLORPYRIFOS 6 MANUFACTURING CONCENTRATE

An Insecticide
For Formulating Use Only

Low Odor Formula



Active Ingredient:

Chlorpyrifos:	
O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)	
phosphorothioate.....	60.6%
Inert Ingredients:	39.4%
Total	100.0%

Contains petroleum distillate
Contains 6 pounds of Chlorpyrifos per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

Statement of Practical Treatment

If Swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting. Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If inhaled: Remove to fresh air. Get medical attention.

If in eyes: Flush with plenty of water for 5 minutes. Get medical attention if irritation persists.

Note to physician: Chlorpyrifos is a reversible cholinesterase inhibitor. Atropine sulfate is antidotal. Start treatment by giving 2 mg atropine by injection after cyanosis is overcome and repeat atropine at 0.4 to 4 mg every 15 minutes until atropinization is achieved (tachycardia, flushing, dry mouth and mydriasis). Oximes such as 2-PAM/protopam are also antidotal, but only in conjunction with atropine. Observe to insure symptoms do not recur as atropinization wears off. Morphine, theophyllines, phenothiazines and reserpine are probably contraindicated. This product also contains lightweight aromatic hydrocarbons that can produce a severe pneumonitis if aspirated during emesis. Consideration should be given to gastric lavage with endotracheal tube in place. Treatment is controlled by removal of exposure followed by antidotal, symptomatic and supportive care.

See side panel for additional precautionary statements.

Mfg. for:
EPA Registration No.:
EPA Establishment No.:
Net Contents:

Gharda USA, Inc.
70907-6
33658-IND-3
55 gallons

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

WARNING

May Be Fatal If Swallowed. Harmful If Inhaled or Absorbed Through Skin. Avoid Contact with Eyes, Skin, or Clothing. Avoid Breathing of Vapor or Spray Mist. This Product is a Mild Skin Sensitizer. Repeated Exposure May Cause Allergic Reaction in Sensitive Individuals. Discontinue Use and Consult a Physician. Handle Concentrate in Ventilated Area. When Handling Concentrate Wear Protective Clothing such as Long-Sleeved Shirt, Long-Legged Pants, Hat, Gloves, and Boots Resistant to Petroleum Solvents. Wash Thoroughly with Soap and Water after Handling and Before Eating or Using Tobacco. Remove Contaminated Clothing and Wash Before Reuse.

Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. 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 authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Physical or Chemical Hazards

Do not use or store near heat or open flame. Do not cut or weld container.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal
Storage: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F for extended periods of time. Storage below 32°F may result in formation of crystals. If product crystallizes, store at 72 to 92°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. If liquid, dike surrounding area or absorb spill with sand, cat litter, commercial clay or gel absorbants. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. 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 Disposal for Metal Containers: triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld cans.

Container Disposal for Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or by incineration, or, if allowed, by state and local authorities, by burning. If burned, stay out of smoke.

Directions for Use

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

For Manufacturing Use Only

CHLORPYRIFOS 6 MANUFACTURING CONCENTRATE may be used only for formulation into other manufacturing use products or end use products for uses accepted by the United States Environmental Protection Agency. Because of their properties and intended uses, insecticidal formulations containing CHLORPYRIFOS 6 MANUFACTURING CONCENTRATE will require precautionary labeling different from that given. Formulators should develop their own use and precautionary labeling based on the properties and intended use of their own finished formulations, and are responsible for obtaining EPA registrations of these products.

CHLORPYRIFOS 6 MANUFACTURING CONCENTRATE may be formulated only into end use products with the following uses on the label:

Agricultural uses - Alfalfa, Asparagus, Christmas Tree Plantations, Citrus Fruits, Corn (field, sweet, and seed corn), Cotton, Cranberries, Figs, Grapes, Mint, Onions (dry bulb), Peanuts, Sorghum, Soybeans, Sunflowers, Sugar Beets, Strawberries, Sweet Potatoes, Tobacco, Tree Fruit (apples, pears, cherries, plums/prunes, peaches, and nectarines), Tree Nuts (filberts and pecans), Vegetables (cauliflower, broccoli, brussels sprouts, cabbage, collards, kale, kohlrabi, turnips, radishes, and rutabagas), and Wheat.

Non-agricultural uses - Termiticides, Wood treatment, Outdoor pests (building surfaces, lawns, ornamental and recreational turf grass), Ornamentals (flowers, shrubs, vines, shade and flowering trees, and evergreens), and any other registered outdoor non-food uses.

Any use to formulate manufacturing use or end use products intended for indoor, greenhouse, nursery grown ornamentals, paint additive, pet care, animal health, or for mosquito control is strictly prohibited. All manufacturing use products produced from this product must bear a statement prohibiting formulation of such products for the used identified above.

This material requires further mixing before use.

Notice of Warranty and Disclaimer

Seller warrants that at the time of delivery the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose under normal conditions of use. This is the only warranty made on this product. Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other express or implied warranties. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the Seller. In no case shall Seller be liable for the consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.