

Guthion® Technical

Insecticide

For use only in the manufacture of insecticides.

This drum is dangerous if evidence of leakage is present. Read warning instructions and handle with extreme care, observing all precautions recommended.

ACTIVE INGREDIENT:

O,O-Dimethyl S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate 85%

INERT INGREDIENTS: 15%
100%

EPA Reg. No. 3125-108 NET CONTENTS: ___ POUNDS

STOP - Read the label before use.
Keep out of reach of children.

DANGER



POISON

STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning call a physician immediately. Have patient lie down and keep quiet. **If swallowed:** Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 mL) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. **If on skin:** Remove contaminated clothing and wash skin immediately with soap and warm water. **If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

To Physician: ANTIDOTE - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be used in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning, even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

POISONOUS BY SKIN CONTACT OR IF INHALED OR SWALLOWED

DANGER: Fatal if swallowed or absorbed through skin. May be fatal if inhaled. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. Do not get in eyes, on skin or on clothing. Do not breathe vapors. Wear clean, heavy, natural rubber gloves and clean, waterproof, or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before reuse. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

For protection against organophosphorus insecticides wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and wildlife. 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 Environmental Protection Agency.

DRUM HANDLING

1. Handle drums of GUTHION carefully so as to avoid damage and prevent leakage.
2. Store drums of GUTHION in a cool, well-ventilated place.
3. Open drums of GUTHION only when set on end and under a ventilated hood. Open slowly to release any internal pressure.

ACCEPTED

AUG 23 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 3125-108

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 an insecticide, for

(1) the following uses:

TERRESTRIAL FOOD CROPS (Agricultural Crops)

Alfalfa	Grapes
Almond	Loganberries
Apple	Melons
Birdsfoot Trefoil	Nectarine
Blackberries	Onions, Dry
Blueberry	Onions, Green
Boysenberries	Peach
Broccoli	Pear
Brussels sprouts	Pecan
Cabbage	Pepper
Cauliflower	Pistachio Nuts
Celery	Plum
Cherry	Potato
Citrus Fruits	Prune
Cotton	Quince
Crabapple	Raspberries
Cranberry	Strawberry
Cucumber	Tomato
Eggplant	Walnuts
Filbert	

TERRESTRIAL NON-FOOD CROP (Ornamental Plants)

Southern Pine
(seed orchards)

- (2) uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (3) uses for experimental purposes that are in compliance with USEPA requirements.

This product may not be reformulated for use on sugarcane, ornamentals, christmas trees, shade trees, or forest trees. This product may only be reformulated into end-use products bearing labels that have been amended or approved by EPA after August 2, 1999.

BAYER CORPORATION DISCLAIMS ALL LIABILITY BASED ON BREACH OF WARRANTY, NEGLIGENCE, STRICT TORT LIABILITY, OR ANY OTHER THEORY OF LIABILITY FOR CROP DAMAGE OR FAILED EFFICACY RESULTING FROM THE USE OF THIS BAYER CORPORATION PRODUCT AS AN INGREDIENT IN ANY FORMULATION WITH A USE NOT SPECIFICALLY LISTED ON THIS LABEL.

Bayer Corporation
Crop Protection Products
Box 4913
Kansas City, MO 64120-0013
(800) 842-8020
<http://usagri.bayer.com>

Detailed information on chemical and physical properties and other formulating recommendations for GUTHION are available upon request from Bayer. Obtain and read this manual before undertaking the formulation of GUTHION in order to avoid formulation hazards and insure a satisfactory finished product.

Labeling for products formulated from this product must conform to that which is currently registered with the U.S. Environmental Protection Agency. For specific information on federally registered uses, contact Bayer. Any variance from the federally registered labeling for products containing GUTHION will have to be supported by data provided by the formulator.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage, or if material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244, or contact Chemtrec at 800-424-9300.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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: Do not use container in connection with food, feed, or drinking water. Completely empty container into processing equipment. Empty drums should be decontaminated by washing with hot, 5% caustic soda solution. Then 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.

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