

Gustafson THIRAM 42-S

Repellent

ACTIVE INGREDIENT:

Thiram (Tetramethylthiuram disulfide) 42%

INERT INGREDIENTS: 58%

Contains 4 pounds thiram per gallon.

EPA Reg. No. 400-434-7501

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID
IF IN EYES:

•Hold eye open and rinse slowly and gently with water for 15 minutes to 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 ON SKIN OR CLOTHING:

•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.

IF SWALLOWED:

•Call a poison control center or doctor immediately for treatment advice.

•Have person sip a glass of water if able to swallow.

•Do not induce vomiting unless told to do so by the poison control center or doctor.

•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.

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

CROMPTON EMERGENCY PHONE 203-723-3670

SAFETY DATA AND INFORMATION 203-573-3303

TRANSPORTATION EMERGENCY (CHEMTREC) 800-424-9300

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SYMPTOMS OF POISONING: No specific symptoms. Acute poisoning is accompanied by general depression and illness. Consumption of alcoholic beverages with exposure to thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

NOTE TO PHYSICIAN: No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to disulfuram.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid inhaling of spray mist. Do not use or store near food or feed.

Routinely shower or bathe after work. Consumption of alcoholic beverages increases the toxic effects of thiram.

PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistant category selection chart. Applicators and other handlers must wear: A long-sleeved shirt and long pants, chemical-resistant gloves, such as, barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, and Viton, and shoes plus socks and protective eyewear.

USER SAFETY RECOMMENDATIONS:

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide product is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

PHYSICAL OR CHEMICAL HAZARD

Do not use or store near heat or open flame.

Gustafson



DIRECTIONS FOR USE

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

Do not apply this product in way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE—Store in a cool place. Keep container tightly closed to prevent evaporation. Stir before using.

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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restrictive-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves such as barrier laminate, or butyl rubber, nitrile rubber, or neoprene rubber, or polyvinyl chloride, or Viton, shoes plus socks and protective eyewear.

GENERAL INFORMATION

Gustafson Thiram 42-S Repellent may be used as a repellent for use in protecting trees, shrubs and ornamental plants from rabbit, deer and rodent depredation.

Gustafson Thiram 42-S Repellent is a suspension concentrate which, when mixed with water, is used as a dip application for young plants or sprayed onto plant foliage using standard spray equipment. Gustafson Thiram 42-S Repellent can also be applied undiluted with a brush to stems and trunks of plants.

FOR USE AS A REPELLENT ON NON-BEARING TREES, SHRUBS, NURSERY STOCK AND ORNAMENTALS

Gustafson Thiram 42-S, when used as directed, protects non-bearing trees, shrubs, nursery stock and ornamentals from

rabbit, deer and rodent depredation. Repellency results from the distastefulness of treated plant parts.

One application will protect treated parts from 1 to 3 months, depending on weather conditions.

The addition of a latex type sticker as directed will prolong the residual effectiveness of the treatment.

MIXING INSTRUCTIONS

Thoroughly mix contents of container before using. Fill the spray tank with required amount of water. Then add the recommended amount of Gustafson Thiram 42-S to the spray tank.

Gustafson Thiram 42-S is a suspension-type product, therefore, constant agitation during mixing and application is necessary to maintain a uniform solution.

Mix only enough solution for immediate use as the solids will settle on standing and are difficult to re-suspend. Do not store overnight in the spray tank.

Where a sticker is advised for prolonged retention, use a suitable resin. Do not use wetting and spreading additives (surfactants) as severe crop injury may result.

APPLICATION RECOMMENDATIONS

Do not apply to fruit trees or other plants with edible fruit that will bear within one year of application.

Thoroughly flush sprayer screens and nozzles promptly following use.

Treat before the expected time of animal damage. Thoroughly cover area to a point well above the reach of animals.

To permit repellent film to properly set, application should be made under favorable drying conditions (relative humidity below 70%) but when temperature is above 40° F.

Apply Gustafson Thiram 42-S undiluted with a brush, or diluted with water as a spray or as a dip. Spray applications should be made with a hand or power pressure sprayer to give a heavy coating to the twigs and foliage parts to be protected. For heavier depositions, reduce the amount of water.

Brush on Coatings: Apply Gustafson Thiram 42-S undiluted with a brush to stem parts to be protected. To increase residual beyond 3 months, add a small amount (2% to 4%) of latex-type sticker.

Spray Application During The Growing Season: Use 1 qt. of Gustafson Thiram 42-S and 1 pt. of latex-type sticker to 7 qts. of water. Apply as a full coverage to the point of runoff to all portions of the plant to be protected. Repeat applications may be necessary to protect new growth. The use of sticker is not necessary under low rainfall conditions or where repeat applications are needed to cover new growth.

Spray Application, Tree Trunks or Dormant Plants: Mix at a rate of 1 qt. of Gustafson Thiram 42-S with 3 qts. of water. Spray all portions of the plant to be protected to runoff. For longer protection, add 1 pt. of latex type sticker.

Spray Application, Dormant Apple Twigs, for Protection from Deer: Add 2 gals. of Gustafson Thiram 42-S plus 1 gal. of latex type sticker in 100 gals. of water. Apply as a twig spray following leaf fall, thoroughly wetting twigs to a height of 5 feet. This rate will also protect summer growth from deer nibbling. Higher rates of Gustafson Thiram 42-S may be needed under conditions of heavy deer pressure.

Dip Application: Young nursery plants may be treated at the time of transplanting by dipping the tops in a solution prepared by mixing 1 qt. of Gustafson Thiram 42-S plus 1 qt. of latex type sticker in 2 qts. of water.

NOTE: Seedlings that are treated with this product must bear distinct labeling that instructs:

CAUTION: Treated with thiram. Wear rubber gloves and protective clothing when handling products treated with thiram. Direct exposure to skin may result in severe dermatitis.

NOTICE - READ CAREFULLY
CONDITIONS OF SALE AND LIMITED WARRANTY
STATEMENT

As its sole express warranty, Gustafson LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:

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