

OUTDOOR USE - BARRIER TREATMENT

General Information

SUBTERRANEAN TERMITE CONTROL

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on the label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the cleanup is completed.

GENERAL INFORMATION ON THE USE OF UP-CYDE PRO 2.0 EC FOR TERMITE CONTROL

The use of this product prevents and controls termite infestations in and around structures and constructions.

The dilute insecticidal emulsion must be adequately dispersed in the soil to establish a barrier between the wood and the termites in the soil. As a good practice: 1) all nonessential wood and cellulose containing materials should be removed from around foundation walls, crawl spaces and porches; 2) eliminate termite access to moisture by repairing faulty plumbing and/or construction grade. Soil around untreated structural wood in contact with soil should be treated as described below.

To establish an effective insecticidal barrier with this product the service technician must be familiar with current termite control practices such as: trenching, rodding, sub-slab injection, coarse fan spraying of soil surfaces, crack and crevice (void) injection, excavated soil treatment, and brush or spray applications to infested or susceptible wood. These techniques must be correctly employed to prevent or control infestations by subterranean termites such as: *Coptotermes*, *Heterotermes*,

Reticulitermes and Zootermopsis. The biology and behavior of the species involved, as well as suspected location of the colony and severity of the infestation within the structure, should be considered by the service technician in determining which control practices to use to eliminate or prevent the termite infestation.

Choice of appropriate procedures should include consideration of such variable factors as the design of the structure, location of heating, ventilation, and air conditioning (HVAC) systems, water table, soil type, soil compaction, grade conditions, and location and type of domestic water supplies and utilities.

For advice concerning current control practices with relation to specific local conditions, consult resources in structural pest control and the State regulatory agency.

Important: Contamination of public and private water supplies must be avoided by following these precautions: Use anti-backflow equipment or procedures to prevent siphonage of insecticide into water supplies. Do not contaminate cisterns or wells. Do not treat soil that is water saturated or frozen or in any conditions where runoff or movement from the treatment area (site) is likely to occur. Do not apply while precipitation is occurring. Care should be taken that the treatment solution is not introduced into the gravel and/or pipe drainage system which may be located on the exterior of the foundation in close proximity to the footing of the structure. Consult state and local specifications for recommended distances of wells from treated areas, or if such regulations do not exist, refer to Federal Housing Administration Specifications (H.U.D.) for guidance.

Critical Areas: Critical areas include areas where the foundation is penetrated by utility services, cracks and expansion joints, bath traps and areas where cement constructions have been poured adjacent to the foundation such as stairs, patios and slab additions.

RETREATMENT

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation or disruption of the barrier due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide barrier in the soil. These vulnerable or reinfested areas may be retreated in accordance with application techniques described in this product's labeling. The timing and type of these retreatments will vary depending on factors such as

termite pressure, soil types, soil conditions and other factors which may reduce the effectiveness of the barrier.

GENERAL INSECT CONTROL

For residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include industrial buildings, houses, apartment buildings, laboratories, buses, greenhouses, and the nonfood/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft (cargo areas only), schools, nursing homes, hospitals (non-patient areas), restaurants, hotels, and food manufacturing, processing and servicing establishments.

UP-Cyde Pro 2.0 EC is intended to be diluted with water for spray or brush application. Fill sprayer with the desired volume of water and add UP-Cyde Pro 2.0 EC. Close and shake before use in order to ensure proper mixing. Mix only the amount of solution needed for the application; repeat treatments as necessary.

For the desired application rate, Refer to the chart to determine the amount of UP-Cyde Pro 2.0 EC for a given volume of finished emulsion

GENERAL RESTRICTIONS AND PRECAUTIONS

Do not use water-based sprays of UP-Cyde Pro 2.0 EC in conduits, motor housings, junction boxes, switch boxes or other electrical equipment because of possible shock hazard.

Not for use in warehouses where raw or cured tobacco is stored and raw agricultural commodities for food or feed are stored or in commercial greenhouses.

DO NOT APPLY THIS PRODUCT TO EDIBLE CROPS.

Keep people and pets off surfaces until dry.

Protect aquariums from spray mist.

For best results, thoroughly wash out sprayer and screen with water and detergent before using UP-Cyde Pro 2.0 EC.

Do not use this product with oil.

Do not treat pets with this product.

DO NOT USE IN FOOD/FEED AREAS of food-handling establishments, restaurants, or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where foods may be prepared or held. In the home, all food-processing surfaces and utensils should be covered during treatment or thoroughly washed before reuse. Exposed food should be covered or removed.

Not for use in Federally Inspected meat and poultry plants.

Do not allow spray to contact food, food stuffs, food contact surfaces, food utensils or water supplies.

Do not apply product in rooms occupied by patients, the elderly or infirm.

Do not apply to classrooms when in use.

Limitations, Restrictions, and Exceptions

Barrier Treatment:

Apply 0.1% to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet. Use treatment volume of 2 to 10 gallons per 1,000 square feet. Higher volumes of water may be needed if mulch or leaf litter is present or dense foliage. House siding may be treated if boxelder bugs, elm leaf beetles, earwigs, silverfish or other similar pests are present.

Caution on Application to Vinyl Siding:

Each year prior to an application to vinyl siding, treat a small area on all sides of the structure where weathering is most severe, and allow to dry. Observe for staining. Some types of vinyl siding, particularly if aged or weathered, may show some staining after application of an emulsifiable concentrate product. To completely eliminate the potential risk associated with staining, it is suggested that a water based product be used.

Method

N.A.

Rates

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Timings

N.A.