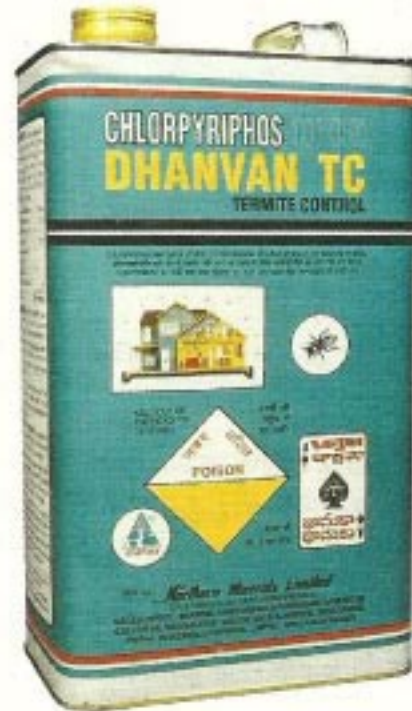


DHANVAN TC

Don't let
termites move you
out, instead move
them out with
Dhanvan TC



Protect your
Buildings & Wooden Structures
from
TERMITES



DHANVAN TC

(A Powerful Termiticide for effective management of the hidden enemy Termites)

"THE GREATEST HIDDEN MENACE TO BUILDINGS AND WOOD STRUCTURES"



Worker

Termites, also popularly known as, white ants, are tough, well organized, most persistent and destructive tiny insects. On the basis of their habitat they are classified into two categories i.e., *sub-terranean* or ground loving termites and *non sub-terranean* or wood loving termites. Out of the two, the *sub-terranean* termites are most destructive and cause maximum damage to the buildings. They penetrate through cracks, small openings, slab joints etc., and can even make passage through cement and mortar reducing the strength of the building and causing damage to the underground cables. Where they are not able to enter through foundations, they build mud tunnels up the sidewalls, to get to the wood.

Worker termites commute between the colony and sources of food and are constantly at work. They build mud tunnels to cross open areas and thus remain out of sight. They usually hollow out wood from inside and hence their damage is invisible, until it is too late.

The dry wood termites of the other group, however, do not maintain any contact with the ground.

COMBATING TERMITES : Breaking contact between the soil and woodwork of the building is the primary method of combating termites. It is rather impractical, if not impossible, to locate the colony in the soil and eliminate it. Hence, the only effective measure to ensure long term, effective control is to prevent their entry in the buildings by way of soil barrier. The barrier is established by trenching around foundations, scarifying the soil where required, or injecting **Dhanvan TC** into the soil with special equipments. The soil below the building and around the foundation should also be treated to ensure better and longer protection.

DHANVAN TC, based on *chlorpyrifos*, is an organophosphorus compound, which is approved for pre and post construction termite control by the Central Insecticides Board & Registration Committee, Ministry of Agriculture, Government of India. It is recommended by Bureau of Indian Standards (IS: 6313-1981, Part-II and Part-III) and also by Central Building Research Institute and Forest Research Institute.

DHANVAN TC

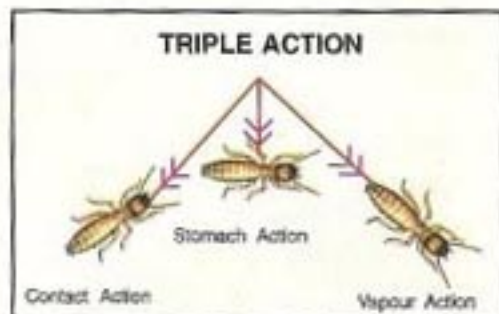
AN IDEAL PROVEN TERMITICIDE

Dhanvan TC has triple action : contact, stomach and vapour, for effective control of termites.

Dhanvan TC is an effective broad spectrum termiticide.

Dhanvan TC provides long term control of termites.

Dhanvan TC is a cost effective termiticide.



USE OF DHANVAN TC

Mix 1 part of **Dhanvan TC** with 19 parts of water to prepare 1% **Dhanvan TC solution**. This **Dhanvan TC solution** should be applied appropriately and uniformly, with a suitable hand operated compressed air sprayer or with a watering can, to ensure uniform barrier of **Dhanvan TC solution** for effective termite management.

APPLICATION OF DHANVAN TC

Pre-construction treatment: For effective control of termites, **Dhanvan TC solution** has to be applied at different stages of construction, as follows:

(During Foundation Preparation) :

Treat the bottom and the sides of the foundation pits, up to 30 cm high at the rate of 5 litres of **Dhanvan TC solution** per square metre of surface area.

(After Completion of Foundation) :

Treat the backfill earth on all sides of built up walls to a depth of 45 cm and width of 30 cm with **Dhanvan TC solution** at the rate of 7.5 litres per linear metre.

(Before Laying the Floor) :

Treat the top surface of the entire graded and levelled earth, within the plinth walls, with **Dhanvan TC solution** at the rate of 5 litres per square metre.

(After Completion of Building) :

Treat the earth along the external perimeter of the building with **Dhanvan TC solution** at the rate of 7.5 litres per linear metre.

Post-construction Treatment :

Before undertaking the treatment with **Dhanvan TC solution**, a thorough inspection should be made to assess the infestation and the routes of entry of termites in the building for effective control.

(External treatment to masonry foundation) :

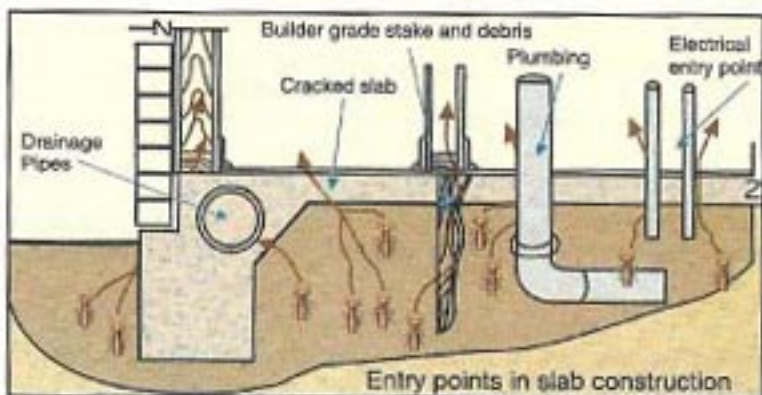
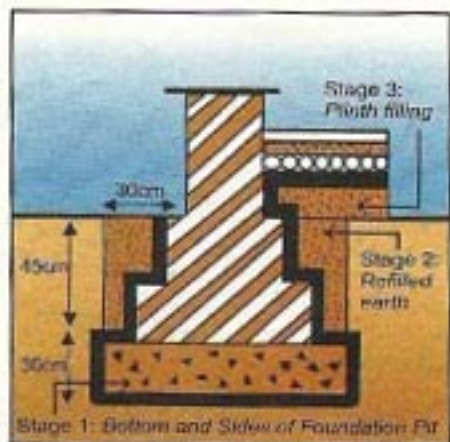
Dig narrow shovel width trench along the external wall, thus exposing the foundation wall surface to a depth of 50 cm. Make 30-50 cm deep rod holes, 15 cm apart all along this trench and pour **Dhanvan TC solution** at the rate of 1.5 litre per linear meter. For concrete masonry apron around the building, drill 1 cm holes, 30 cm apart, as close as possible to the plinth and pour **Dhanvan TC solution** to soak the soil at the rate of 2.25 litre per linear metre.

(Treatment under the floors) :

Cracks or openings in the floor should be charged with **Dhanvan TC solution** so as to deny access to the termites. For effective treatment, drill 1 cm holes in the floor as close as possible to floor and wall junction and along the cracks on the floor surface, at 30 cm interval. Flood with **Dhanvan TC solution** up to 3 litres per hole. Seal the holes properly after drying.

(Treatment of walls) :

Drill 1.0 cm holes at an interval of 30 cm at a downward angle of 45°, preferably on both sides of the wall and squirt **Dhanvan TC solution** till refusal. Seal the holes thoroughly after drying.



Use of Dhanvan TC for Wood Treatment :

To treat the wooden furniture, fixtures, new and replacement timber, mix 1 part of **Dhanvan TC** in 19 parts of kerosene or turpentine oil, to prepare 1% **Dhanvan TC wood treatment solution**.

(Treatment of Wooden furniture and other fixtures) :

Drill 3 mm diameter holes at a downward slant, 15 cm apart and inject **Dhanvan TC wood treatment solution** till refusal. Also brush the entire wooden surface with **Dhanvan TC wood treatment solution**. Repeat this application once again after drying.

(New and replacement timber) :

New and replacement timber may be dipped in **Dhanvan TC wood treatment solution** to ensure better penetration for longer termite protection. **Dhanvan TC wood treatment solution** can also be applied appropriately at the rate of 20 ml. **Dhanvan TC wood treatment solution** per square meter of the new and replacement timber.

Mound Treatment :

If termite mounds are seen around the buildings, these should be destroyed by pouring **Dhanvan TC solution** at several places after breaking open the earthen structures and making holes with crow bars.

Precautions for Users :

Read the label and product leaflet carefully before use.

Wear rubber gloves, goggles, facemask and full protective clothings while handling.

Do not eat, drink or smoke while at work.

Avoid inhalation and skin contact.

Wash hands, exposed skin and clothes properly after handling the product.

Store in a separate room, away from children and foodstuff.

Symptoms of Poisoning :

Headache, Giddiness, Nausea, Vomiting, Blurred vision, Excessive lachrymation and salivation.

In case of poisoning, call physician immediately.

Antidote :

Repeat intravenous injection of atropine sulphate (2-4 mg at 5-10 minutes interval) until symptoms subside. Administer 1-2 mg of 2-PAM diluted in 10 ml distilled water intravenously very slowly, taking 10-15 minutes.

Disclaimer :

Since the use of this product is beyond our control, we cannot assume any responsibility other than the uniform quality of the product.

