TERMISOLVE BPRO
ANTI TERMITE CHEMICAL
DATA SHEET

Preface:

Termites are a group of insects consisting of 2,500 species of which 300 are considered pests. Termites are one of the most damaging pests in the tropics and can cause considerable problems in housing.

There are 2500 species of termites including subterranean termites, Thompson termites Termopsidae, hototermitidae, kalotermitidae, seritermitidae, etc.

There are several families and sub-families. Some have nests underground, others in wood, for example hollow trees, and some build mounds.

Termites are causing severe damages to buildings and constructions and structures all Over the world and now days it is a great problem to the industry.
Termites feed on cellulose, paper, plywood, cloths, bamboo, furniture, wood etc.
Which are prone and very sensitive for termite attacks.
Besides making tiny ways through the walls and structures, making the structure weak.
Termites enter through the foundation. Hence, it is most important to have preventive measures.

Facts about Termites:

Live for 15 years and lay 1 egg every 15 seconds

Have 4 wings

Burrow tiny mud tunnels to a source of wood

Leave sawdust near windows

Enjoy wood resulting from leaky plumbing

Termites might be in your home actually live 15-25 feet underground, and perhaps as far as 50 yards or more from your building.

Can destroy entire house in about 4-5 years in USA

A typical termite colony can number 300,000 to 3,000,000 workers. Think in terms of a 200 ltrs drum full of squirming grains of rice… that's a small colony.

Disadvantages of traditional chemicals:

Artificial pesticides/chemicals can quickly find their way into food chains and water courses.
This creates health hazards for humans. There is also much concern for people
using chemical pesticides. The products may be misused

Safety for the environment:

There are a number of harmful effects that chemical pesticides can have on the environment.

Artificial pesticide can kill useful insects which eat pests. Just one spray
can upset the balance between pests and the useful predators which eat them.
Artificial chemicals can stay in the environment and in the bodies of animals causing problems for many years.
Pests become resistant to pesticides so more powerful chemicals are needed.

How Termites make damages:

Regardless of how your building is constructed or the type of foundation it has, termites can find a way in, concealing themselves from exposure by building special "shelter tubes." Because they work from the inside out, it's likely that you won't see signs of infestation until the damage is done

Concrete slabs :

Termites can infest the building through expansion joints where the floor adjoins the foundation around plumbing and electrical penetration, through cracks and the exterior surface of the slab or behind stucco and veneer coverings

Basements:

Termites can enter through voids in the foundation wall, expansion joints where the floor meets the wall.

Conventional Foundation:

Termites can invade your building through foundation voids, plumbing pipes and pier supports; on the surfaces of the foundation walls (exterior and interior); and through any wood-to-ground contacts

Product Description:

Termisolve B PRO is unique and effective anti termite chemical.
Termisolve B-PRO contains solvents and inorganic boric salts along copper compounds .
In a nutshell it is a combination of modern chemistry and proven knowledge of our ancestors.

Salient features:

Termisolve B PRO is applied as a treatment to the surroundings of existing buildings
to prevent and correct termite problems.
Termisolve B PRO is ideal for pre and post constructed buildings
Anti termite treatment of structures
Anti termite treatment for timber structures and wood.
Termisolve B PRO is ideal barrier between termites and the building.

Termisolve B PRO can be used by following ways.

Treatment at the foundation level.
Treatment to top surface at plinth level.
Treatment of soil at wall and floor junction.

Application:

Mix 1 liter of Termisolve B PRO with 9 liters of water and pour the mixture at foundation pits.
Apply 2 Ltrs mixture for one sq. meters
Apply mixture at the plinth level. Just pour at top surface. Apply 1 Ltrs mixture for 1 sq. meters
For further assurance, make the drill holes at the junction of wall and floor.
The distance between two holes should be 10 inches. Inject Termisolve B PRO through the holes without adding the water.
If, there is termite infestation, clean the mud ways by polish paper.
Spray Termisolve B PRO on affected area.
Then inject Termisolve B PRO through holes as describe above throughout the building.
This process must be carried out minimum 5 to6 times at the interval of 5/6 days.

Physical Properties:

Form	:	Bluish liquid
Odor	:	Naphthenic
Specific gravity	:	.9

How Termisolve BPRO works:

Termisolve BPRO's mode of action is that of a slow acting stomach chemical in termites and beetles and a contact chemical to decay fungi. As insects or their larvae feed on, tunnel in and/or digest wood, they accumulate the active ingredient into their systems which acts to poison the insect.

Borate compounds is one of a family of borate compounds (containing boron and oxygen), which are considered absolutely dangerous to insects. Borate compounds utilize a stop-feed mode of action. Stop-feed means that the active ingredient borate disrupts the enzyme and digestive systems of the insect, preventing future digestion and causing death by starvation. In treatment of wood decaying insects like termites or carpenter ants, borates prevents these pests from being able to digest the wood that they depend on for the survival .
Copper compounds have fungistastic and fungicidal properties and prevents fungal spore germination along with reaction with many of the components on the fungal cell walls and within fungal cell walls.

Precautions:

Keep out of reach of children. This is neither drug nor an insecticide.
Chemicals used in this formulation do not come under Indian insecticide act 1968.

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