2018-0837
2018-03-06

DIRECTIONS FOR USE

USE RESTRICTIONS: Do not install *Cobra™ Rod* in wood which is submerged or at a waterline i.e. not for use in marine or fresh water pilings. *Cobra™ Rods* are for Remedial treatment of Utility Pole Structures dimensional lumber (round stock, square stock). For protection of non-food contact wood against fungal decay and insects. *Cobra™ Rod* can be used for most wood species.

Cobra™ Rod are effective against some kinds of termites. The *Cobra™ Rod* is to be inserted in wood with permanent or periodical moisture content above the fibre saturation point (25%-30%) etc. The rate of application for *Cobra™Rods* is dependent upon the volume of wood to be treated. The recommended load is up to 6 kg Boric Acid per cu. metre of wood depending upon requirements for treatment. The loading should not be less than 2 kg of Boric Acid per cu. metre of wood. Rods contain 1.45 times equivalent Boric Acid (BAE).

Apply/use in areas in inaccessible to children and pets. Do not apply as a broadcast application.

For inserting the Rods, the three step process is as follows:
1. Drill 12.5mm holes to accommodate the rod size needed.
2. Insert the correct size and quantity of *Cobra™Rods* needed into the pre- drilled holes (determined from area to be treated.) Leave enough headroom to accommodate a 1/16" oversize plug. Never hammer the *Cobra™Rod* during installation.
3. The headspace should have a 1.5mm oversized plug hammered into the pole.

Inspections can be carried out every 3-8 years for Industrial wood structures. If reuseable plugs are used new rods may be inserted into existing holes during the reinspection process and the same plugs tapped back into place. The angle at which the rods are installed is accomplished by using a drill guide at the groundline zone. This will ensure the rods are placed in the most advantageous location for best diffusion results. The sapwood and heartwood interface in the outer shell is the best area, ensuring chemical loads are sufficient to provide adequate decay protection. If the wood is decayed sufficiently to cause diminished strength properties beyond functional requirements, DO NOT install *Cobra™Rods.* Be careful during installation to not cause unacceptable structural damage to the wood during installation of rods.

DO NOT apply this product in a way that will contact workers or bystanders, either directly or through drift. Only protected handlers may be in the area during application.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or estuarine/marine habitats.

DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

Note: Boring pattern selected shall comply with the Canadian Electrical Association Publication 118-D-318A, 1990, "Development of an Application Guide for the Use of Vapam" or if an alternative boring pattern is to be used, the applicator must receive written confirmation from the owner(s) of the pole stating that the selected boring pattern is acceptable and will not result in significant pole strength loss. Bore hole diameter shall not exceed 12.5mm when treating poles with *Cobra™ Rod*.

Rates: Apply to achieve a loading of 6 kg of Boric Acid per m^3 of wood in the treated zone. An average per pole will be approximately 0.144kg of *Cobra™ Rod*.

The distance between the *Cobra™ Rod* should be a maximum 20-25 cm in the zone to be protected.

GENICS INC.

Cobra™Rod

CAUTION POISON

Wood Preservative for Remedial Treatment of Utility Poles, Posts, Land Pilings, Millwork, Decks, Window Joinery and nonfood contact wood.

Preventative and Remedial Protection of Wood Against Fungal Decay and Wood boring Insects

COMMERCIAL - READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
MAY BE HARMFUL IF SWALLOWED

GUARANTEE:

Disodium Octaborate Tetrahydrate
($Na_2B_8O_{13}$).....90.6%
Copper as elemental
(Present as copper hydroxide)...1.8%
Boric Acid 4.7%

REGISTRATION NO.: 25580
PEST CONTROL PRODUCTS ACT

Net Contents 500 rods **Number/Pkg 2 X 250 rods**
Total weight 8.45 kg.

TOXICOLOGICAL INFORMATION Contains disodium octaborate tetrahydrate.
Treat symptomatically.

DISPOSAL
1. **Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.**
2. **Make the empty container unsuitable for further use.**
3. **Dispose of the container in accordance with provincial requirements.**
4. **For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.**

Registrant: Genics Inc.
27717 Acheson Road
Acheson, AB T7X 6B1
Phone: (780) 962-1000

See reverse label for complete instructions

COBRA™RODS BY SIZE AND BORIC ACID EQUIVALENT

Dimensions (dia. x length)	size imperial	Weight grams	(ounces)	BAE grams	(ounces)
6mm x 12mm	1/4" x 1/2"	0.51g	(0.018oz)	.77g	(0.027oz)
8mm x 12mm	1/3" x 1/2"	1.30g	(0.046oz)	1.90g	(0.067oz)
8mm x 24mm	1/3" x 1"	2.61g	(0.092oz)	3.80g	(0.134oz)
8mm x 65mm	1/3" x 2 5/8"	6.00g	(0.212oz)	8.73g	(0.308oz)
12mm x 50mm	1/2" x 2"	11.25g	(0.397oz)	16.33g	(0.576oz)
12mm x 100mm	1/2" x 4"	22.25g	(0.785oz)	32.32g	(1.14 oz)
18mm x 75mm	3/4" x 3"	36.57g	(1.29 oz)	53.30g	(1.88 oz)
11mm x 120mm	25/64"x4 1/2"	16.90g	(0.596oz)	24.50g	(0.864oz)

	DIAMETER	THICK	SIZE IMPERIAL
Wafers	**18mm x**	**2mm long**	**3/4" x 1/16"**
Pellets	**6mm x**	**6mm long**	**1/4" x 1/4"**

PRECAUTIONS- KEEP OUT OF REACH OF CHILDREN.

Wear gloves when handling *Cobra™ Rod. A*void rubbing eyes while working with product. May be harmful, avoid contact with eyes and skin, avoid breathing dust, use only in a well ventilated area, wear freshly laundered clothes daily, store and wash all protective clothing separately from household laundry, wash clothes in detergent and hot water before reuse. May be fatal if swallowed. Store out of reach of children. Store in a dry location and out of contact with food and feed. Dispose of on-site empty containers in household garbage. Wash hands thoroughly after handling this product and before eating or smoking. Do not contaminate water courses or ground. Do not hammer the *Cobra™ Rod* to avoid shattering.

Wear long pants, long sleeved shirt, chemical-resistant coveralls and chemical-resistant gloves when loading and applying boron.

Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Remove clothing/personal protective equipment immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

For cleaning/maintaining personal protective equipment, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

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

FIRST-AID
If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.
If swallowed: Call a poison control centre 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 a poison control centre 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 centre or doctor for further treatment advice.
If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

NOTICE TO USER -
This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.