

2018-0837

2018-03-06

# Bo-Rod

## Wood Preservative for Remedial Treatment of Utility Poles

Protection of Wood against Fungal Decay and Insects

### **SOLID COMMERCIAL**

**READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN  
HARMFUL OR FATAL IF SWALLOWED**

CAUTION POISON

#### **GUARANTEE:**

Disodium Octaborate Tetrahydrate (NA<sub>2</sub>B<sub>8</sub>O<sub>13</sub>•4H<sub>2</sub>O)..... 98%

Rod size: 12mm x 100mm                      Weight/Rod: 24 grams Number/Pkg: .....  
NET CONTENTS: .....g or Kg              Number plastic or wood plugs/pkg: .....

**REGISTRATION NO. 29940 PEST CONTROL PRODUCTS ACT.**

Manufactured By:

**Genics Inc.**

27717 Acheson Road

Acheson AB T7X 6B1

1-780-962-1000

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### **DIRECTIONS FOR USE:**

*Bo-Rod* for Remedial treatment of Utility Pole Structures is recommended for protection of non-food contact wood, against decay and insects. *Bo-Rod* can be used for all kinds of wood species.

*Bo-Rod* is not effective against all kinds of termites. The *Bo-Rod* is to be used inside in wood with a permanent or periodical moisture content above the fibre saturation point (30%) for Poles, etc. The rate of application for *Bo-Rod* is dependent upon the volume of wood to be treated. The recommended load is up to 6 kg of Boric Acid per cubic 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. *Bo-Rod* contains 1.45 times equivalent Boric Acid (BAE).

For inserting the *Bo-Rod*, 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 *Bo-Rod* needed into the pre-drilled holes (determined from area to be treated).
3. The holes are covered by caps (plugs). Never hammer the *Bo-Rod* during installation.

By using plastic or wood caps it is possible to carry out inspections perhaps in conjunction with the regular maintenance maybe every 5-8 years. If the rods have dissolved, new *Bo-Rod* is inserted into the holes. The remedial treatment is carried out at positions particularly susceptible to decay such as around groundline or other sensitive positions. In placing of the *Bo-Rod* uses caution not to cause structural damage to the wood. If the pole is condemned, do not treat with *Bo-Rods*.

**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 *Bo-Rod*.

**Rates:** Apply to achieve a loading of 6 kg of Boric Acid per m<sup>3</sup> of wood. An average per pole will be approximately 0.144kg of *Bo-Rod*.

The distance between the *Bo-Rod* should be 20 - 25cm in the zone to be protected.

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

### **PRECAUTIONS**

#### **KEEP OUT OF REACH OF CHILDREN**

May be harmful. Avoid contact with eyes and skin. Avoid breathing dust. Use only in a well ventilated area. Wear freshly laundered clothes daily. Wear long pants, long sleeved shirt, chemical-resistant coveralls and chemicals-resistant gloves when loading and applying boron. 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 in a dry location and out of contact with food and feed. Dispose of on-site empty containers in household garbage. Wash

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hands thoroughly after handling this product and before eating or smoking. Do not contaminate water courses or ground.

<b>RECOMMENDED NUMBER OF BO-ROD PER SIZE FOR GROUNDLINE* TREATMENT</b>				
<b>Pole Diameter @ Groundline (cm)</b>	<b>Pole Circumference @ Groundline (cm)</b>	<b>Volume (Cubic meter)</b>	<b>Remidal Treatments (6 kg BAE/Cu.meter)  12mm x 100mm Rods 35 gram BAE/rod</b>	<b>Preventative Treatments (2 kg BAE/cu.meter)  12mm x 100mm Rods 35 gram BAE/rod</b>
20	63-70	0.020	4	2
23	71-77	0.025	5	2
25	78-87	0.031	6	2
28	88-94	0.037	7	3
30	95-102	0.044	8	3
33	103-110	0.052	9	3
36	111-117	0.061	11	4
38	118-125	0.069	12	4
41	126-133	0.079	14	5
43	134-143	0.089	16	6
46	144-150	0.100	18	6
48	151-158	0.112	20	7
51	159-166	0.123	NR	8
53	167-174	0.136	NR	8
56	175-181	0.150	NR	9
58	182-188	0.163	NR	10
61	189-198	0.178	NR	11

\*GROUNDLINE ZONE = The 60cm zone from 15cm above ground to 45cm below.  
NOTE: A minimum of 2 rods is recommended even on smaller poles for adequate preservative distribution.  
NR = Not Recommended. (Ask for technical advice)

### **FIRST AID**

**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 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.

**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 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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

### **TOXICOLOGICAL INFORMATION**

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Contains Anhydrous Disodium Octaborate. Treat symptomatically.

### **DISPOSAL**

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose the container in accordance with provincial requirements.
5. For information on 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.

**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.**