Works well in tight spaces.

Jecta®– the power of Bora-Care® in a gel form

Jecta is a ready-to-use injectable borate gel used by pest management professionals to reach places where other products cannot be applied effectively. It protects sealed, moisture-laden or inaccessible wood from termites and other wood destroying organisms. Jecta's patented carrier system facilitates rapid penetration throughout wood of any moisture content.

Jecta is available in 14-oz. (300 cc) tubes and fits conveniently into an easy-to-use applicator. It is ideal for use on fence post bases, window and door frames, roof trim soffits and other hard-to-reach wood surfaces.

Jecta is a termiticide, insecticide and fungicide that controls and prevents:

- **Drywood termites**
- **Subterranean termites**
- **Formosan termites**
- **Wood destroying beetles**
- **Carpenter ants**
- **Decay fungi**

Nisus Corporation • 100 Nisus Drive • Rockford, TN 37853
(800) 264-0870 • www.nisuscorp.com

Nisus® CORPORATION
Green Pest Control Solutions

JECTA®

3/01

DIFFUSIBLE BORACIDE

Kills Infestations of and For the Prevention and Elimination of **Termites, Drywood Termites, Carpenter Ants, Wood Destroying Beetles And Decay Fungi**

Long Lasting Protection for Wood in Contact with the Ground

ACTIVE INGREDIENT:	
Disodium Octaborate Tetrahydrate ($Na_2B_8O_{13} \bullet 4H_20$)	. . .40.0%
OTHER INGREDIENTS:	. . . . . .60.0%

EPA Reg. No. 64405-4 EPA Est. 64405-TN-1

U.S. Patent Nos: 5,104,654; 5,296,240; 5,460,816; 5,645,828.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Avoid contamination of food and feed. Wash thoroughly with soap and water after handling. Do not leave container where children or animals may gain access.

Statement of Practical Treatment

If Inhaled: Remove victim to fresh air. Apply artifiical respiration if indicated. Contact a physician if warranted. **If In Eyes:** Flush with plenty of water. Get medical attention if irritation persists. **If On Skin:** Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention. Wash clothing prior to reuse. IN CASE OF A MEDICAL EMERGENCY involving this product call (800) 424-9300 or your local Poison Control Center.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. JECTA carelessly spilled or applied to cropland or growing plants, including trees and shrubs, may kill or seriously retard plant growth.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a dry place. Do not store where chidren or animals may gain access. Do not freeze.

PESTICIDE DISPOSAL: Do not contaminate water when disposing of equipment washwaters. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE

Read and understand the entire label before using. Use only according to label directions.

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" statement found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

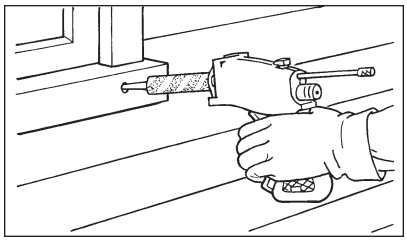
The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. After treatment in food processing plants, thoroughly wash all equipment, benches, shelving, etc., where exposed food will be handled with an effective cleaning compound and rinse with potable water.

SAFE HANDLING PROCEDURES

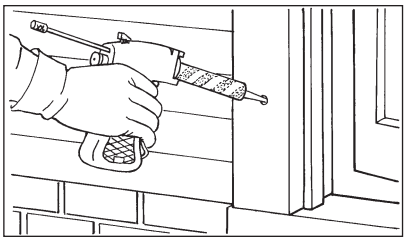
The use of chemical splash goggles and solvent resistant gloves is advised. Spills may be cleaned with a damp cloth or absorbed with appropriate materials. When applying JECTA in confined spaces, it is recommended that ventilation or an exhaust system be provided. If this is impractical, the use of a NIOSH approved respirator designed for protection from organic vapors is recommended. (Refer to the

MADE IN THE USA

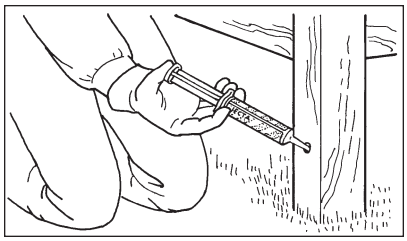
Revised 2/1/98



Use JECTA in high risk areas vulnerable to infestation.



Use JECTA in areas where wood decay or insects are present.



Inject proper amount of JECTA into holes.

JECTA® Material Safety Data Sheet for additional health and safety information.)

GENERAL INFORMATION

JECTA is highly concentrated to provide a long lasting reservoir of active borate ingredient to wood, particularly in high-risk or moist areas. Because of its high concentration and controlled diffusion rate, JECTA is recommended for treating wood in contact with the ground or soil. JECTA will eliminate existing wood destroying insect and fungal infestations and provide residual protection against:

Subterranean Termites: Reticulitermes, Heterotermes

Formosan Termites: Coptotermes

Dampwood Termites: Zootermosis, Neotermes

Drywood Termites: Kalotermes, Incisitermes

Carpenter Ants: Camponotus

Old House Borers, Longhorn Beetles: Cerambycidae, Hylotrupes

Brown Rot, White Rot and Wood Decay Fungi

JECTA contains 40% by weight disodium octaborate tetrahydrate, a combination of borax and boric acid formulated in a patented carrier system which facilitates rapid penetration throughout wood of any moisture content. JECTA is particularly suited for treatment of wood which is coated with a water repellent finish or is in ground contact, such as fence posts and utility poles. It is not necessary to remove any wood finish prior to injection of JECTA.

NOTE: If any wood member's structural integrity has been reduced to the extent that repair or replacement is necessary, repairs and/or replacement should be made. JECTA does not add structural integrity to previously damaged wood.

I. APPLICATION METHODS

JECTA is designed for application to wood by injection into voids, checks, cracks, pre-drilled holes or injection sleeves designed for this purpose. In order to facilitate re-application in high risk areas, a plug of material such as cork rubber, wood or caulk.

JECTA can be injected through any wood surface coating. Injection sites may be placed in either a staggered, linear, or angled pattern. JECTA should be injected throughout the infested area for at least 6 inches on either side of wood showing any signs of infestation.

Injection holes should be spaced at even intervals throughout the infested area to provide the best distribution of JECTA. Drill holes at a downward angle to help retain liquid in place while sealing hole. If a long section of a beam or member is being treated, do not exceed a 24 inch spacing between holes.

II. APPLICATION STEPS

1. Measure the dimensions and length of the zone of wood to be treated. If the zone has an active infestation, calculate amount to include an additional six (6) to twelve (12) inches on either side of the infested area. Refer to Table 1 for the amount of JECTA required to treat various size wood members.
2. Refer to Table 2 and select the appropriate size and number of holes to accommodate the required amount of JECTA. If possible, drill hole to extend to the center of the wood member being treated. Avoid drilling any holes, which would significantly decrease the structural strength of any wood member.
3. Inject proper amount of JECTA into holes.
4. Seal holes with a cork, plastic or wooden plug, exterior wood putty or rubber stopper.
5. Remove any excess JECTA from the surface with a damp cloth or sponge.

III. APPLICATION SITES

Use JECTA in areas where wood decay or insects are present or in high-risk areas vulnerable to infestation, such as wood that remains moist or is subject to frequent wetting, or wood, which is in contact with the ground or soil. Examples include:

Flooring and Foundation Systems – especially around kitchens and bathrooms where leaky plumbing, bath traps or deteriorated caulking may be present.

Window and Door Framing and Headers – where weathered paint or caulk provides inadequate protection against moisture.

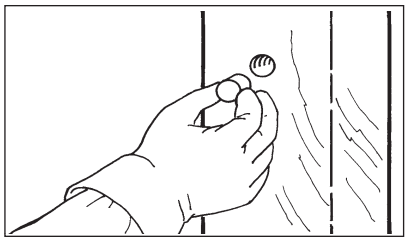
Exterior Steps, Porches and Decks – where damage may be found in columns, railings, floors and support members.

Roof Trim and Soffits – especially facia boards supporting gutter systems and soffits; where wood is in contact with skylights, vents, flashing or chimneys and wherever excessive moisture is found.

Attics and Roofing – where leaks may cause decay damage to support members and rafters.

Porches and Garages – where wood contacts concrete slabs or brick walls are adjacent to dirt filled porches.

Fence Posts, Pilings and Piers



Seal holes with a cork, plastic or wooden plug, exterior wood putty, or rubber stopper.

Log Construction – in any decayed or susceptible areas or where a water repellent finish is present such as corners, joints, ends and lower courses; and especially into upward facing cracks and checks that allow water entry. Apply directly into beetle emergence holes and carpenter ant galleries.

Utility Poles – in susceptible areas such as at the groundline and where cross-arms are attached.

Railroad Ties (Sleepers)

NOTE: SPILLED JECTA® MAY STAIN SOME WOOD FINISHES. IF NECESSARY PROTECT SURFACE DURING APPLICATION AND WIPE UP EXCESS WITH A DAMP CLOTH.

WARRANTY LIMITATIONS AND DISCLAIMER

Because of varying conditions affecting the use and application, manufacturer warns buyer that these may impair or vary the results or effects of the use of this product. In any event, complete elimination or prevention of decay or insect infestation is not guaranteed. Neither the manufacturer nor seller shall be liable in respect to any injury or damage suffered by reason of the use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions hereon nor with respect to breach of any warranty not expressly specified herein. Buyer accepts this material subject to these terms, and assumes all risk of usage and handling except when used or handled in accordance with this label.

TABLE 1

NOTE: If possible, holes should be angled downward to prevent liquid from escaping hole after injection. Never space holes more than 24" apart along the length of any wood member being treated.

DIMENSIONAL LUMBER

Actual Size (inches)	CC Required per Lineal Foot
2 X 2	2
2 X 4	4
2 X 6	5
2 X 8	7
2 X 10	8
2 X 12	10
4 X 4	7

ROUND LOGS, POLES AND TIMBERS

Diameter (inches)	CC Required per Lineal Foot
4	5
6	12
8	21
10	33
12	48
14	63

SQUARE AND RECTANGULAR LOGS AND BEAMS

Actual Size (inches)	CC Required per Lineal Foot
4 X 4	7
4 X 6	10
4 X 8	13
4 X 10	17
4 X 12	20
6 X 6	15
6 X 10	25
6 X 12	30
8 X 8	27
8 X 10	33
8 X 12	39
10 X 10	42
12 X 12	60

TABLE 2

LIQUID CAPACITY FOR VARIOUS SIZE HOLES IN CUBIC CENTIMETERS

Depth (inches)	Hole Diameter (inches) (3/8)	(1/2)	(5/8)	(3/4)
1	1.8	3.2	5.0	7.1
2	3.6	6.4	10.1	14.6
3	5.4	9.7	15.1	21.8
4	7.2	12.9	20.2	29.1
5	9.0	16.1	25.2	36.4
6	10.8	19.3	30.2	43.7
7	12.6	22.5	35.3	51.0
8	14.4	25.7	40.3	58.2
9	16.2	28.9	45.4	65.5
10	18.0	32.2	50.4	72.8

Nisus® CORPORATION

100 Nisus Drive • Rockford, TN 37853
www.nisuscorp.com

For Questions or Information,
Call: 800.264.0870
MADE IN THE U.S.A.

Issue Date: 4/7/94

MATERIAL SAFETY DATA SHEET

JECTA®

Health Emergencies: CHEMTREC® (800) 424-9300

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: Nisus Corporation
215 Dunavant Drive
Rockford, TN 37853
(800) 264-0870 Fax: 865-577-5825
Product Trade Name: **JECTA DIFFUSIBLE BORACIDE**
EPA Registration No. **64405-4**
Chemical Family: Glycol borate solution
Formula: Proprietary Mixture CAS No.: N/A
DOT Hazard Classification: Not Regulated
Hazard Rating: NFPA Health 1 Slight hazard
Flammability 0
Reactivity 0

SECTION II - HAZARDOUS INGREDIENTS

Material or Component: Ethylene Glycol CAS No.107-21-1
TLV 50.00 ppm ACGIH Type CEIL

SECTION III - PHYSICAL DATA

Appearance: Clear viscous gel
Specific Gravity: 1.38 g/ml
% Volatile: 60% by weight
Vapor Pressure: Negligible
Boiling Point: Above 212° F
Odor: None
pH: 50% aqueous solution 6.9 - 7.1
% Solubility in Water: 100%

SECTION IV - HEALTH HAZARD INFORMATION

EYE CONTACT: This material may cause eye irritation. Direct contact may cause burning tearing and redness in sensitive individuals.
SKIN CONTACT: This material is essentially non-irritating. Prolonged or repeated exposure to this material may cause softening of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.
INGESTION: This material can be harmful if swallowed. It is slightly toxic to humans (oral lethal dose: greater than 5.0 g/kg). Ingestion of large amounts may cause nausea mental sluggishness followed by difficulty in breathing and heart failure, kidney and brain damage, possibly death.
INHALATION: Breathing high concentrations of vapors may cause nausea dizziness or drowsiness, and irritation of the nose and throat. Pre-existing lung disorders may be aggravated by exposure to this material.
COMMENTS: None of the major constituents of this material have been identified as carcinogens or probable carcinogens by IARC or OSHA.
Ethylene glycol may cause congenital malformations (teratogenic) in mice and rats when administered by gavage or in the drinking water during organogenesis; not teratogenic when fed in the diet. Pre-existing kidney disorders may be aggravated by exposure to this material.
Acute oral LD_{50} - greater than 5 gm/kg body weight (Sprague-Dawley male and female rats).
Acute dermal LD_{50} - greater than 2 gm/kg body weight (New Zealand Albino male and female rabbits).
Acute inhalation LC_{50} - greater than 5 mg/L for 4 hours (Sprague-Dawley male and female rats).
Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with clean water for 15 minutes. If irritation persists, seek medical attention.
SKIN CONTACT: Remove contaminated clothing. Cleanse affected area thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.
INHALATION: If irritation of the nose or throat develops, move away from the source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing artificial respiration should be administered. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES (cont.)

INGESTION: SEEK EMERGENCY MEDICAL ATTENTION if the victim is drowsy or unconscious, place on the left side with the head down. Do not give anything by mouth. If victim is conscious and alert vomiting should be induced for ingestion of more than 1-2 tablespoons for an adult, preferably with syrup of ipecac under direction from a physician or poison center. If syrup of ipecac is not available vomiting can be induced by gently placing two fingers in back of throat. If large amounts are ingested, treat for borate toxicity. If possible, do not leave victim unattended.
NOTE TO PHYSICIAN: Treat for exposure to glycols. Contains borates. Monitor electrolytes.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Exposure to strong oxidizing agents.
INCOMPATIBILITY (MATERIALS TO AVOID): This material is incompatible with strong oxidizing agents. This product may corrode aluminum.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSiTiON PRODUCTS: Ethylene oxide, carbon monoxide, carbon dioxide.

SECTION VII - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Above 220°F (Tag Closed Cup)
FLAMMABLE LIMITS: Not known.
EXTINGUISHING MEDIA: CO_2, dry powder or universal type foam.
FIRE AND EXPLOSION HAZARDS: This material will not readily ignite.
FIRE FIGHTING PROCEDURES: Avoid inhaling smoke. The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

SECTION VIII - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Absorb with organic liquid absorbent. Do not let material or washwaters enter sewers or waterways.
WASTE DISPOSAL METHOD: Contact your State Pesticide, Environmental Control Agency or local authorities for proper disposal guidelines.

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Good ventilation.
VENTILATION: Exhaust to ventilate.
PROTECTIVE GLOVES: The use of solvent resistant gloves is advised.
EYE PROTECTION: Use safety glasses, goggles or face shield.
OTHER PROTECTIVE EQUIPMENT: It is recommended that a source of clean water be available in the work area for flushing eyes and washing skin.

SECTION X - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Store between 40°F and 90°F. Do not store in direct sunlight. Keep containers tightly closed.
OTHER PRECAUTIONS: Keep away from children and pets. Toxic to plants and shrubbery.

"The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. *This information and product* are *furnished on the condition that the persons receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof "*

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