

**Make a killing.**

## **Niban® Granular Bait Delivers Broad Spectrum Attack**

Niban offers pest management professionals a perimeter bait that stands alone and practically eradicates call backs. Virtually odorless and weatherized, it's the industry's longest-lasting granular bait, and is the #1-selling granular bait in the U.S.

- Controls and prevents:
  - multiple species of ants, including carpenter ants
  - cockroaches
  - crickets & mole crickets
  - silverfish
  - earwigs
  - slugs
  - snails
- Won't degrade in heat or sunlight.
- Lasts through 4" of rain and won't mold.
- Proven superior attractants.
- Broad spectrum kill.
- Kills the whole ant colony.
- Good for indoor and outdoor treatment.
- Has virtually no odor. Can be used indoors in sensitive areas.
- Non-staining formulation can be used on wood decks and concrete walkways.
- Mega-mix of attractants to increase uptake by pests year-round.
- Provides excellent perimeter treatments.
- Metaldehyde-free.
- Delivers significantly greater performance against slugs & snails than iron phosphate.
- Borate-based and formulated with a concern for the environment.
- Niban is available in 5-lb. shaker bags, 4-lb. Comfort Grip™ bottles, 20-lb. containers and 40-lb. bags.



KEEP OUT OF REACH OF CHILDREN  
**CAUTION**  
SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENT	9%
OTHER INGREDIENTS	91%
TOTAL	100%
EPA Reg. No. 64492-2	EPA EST. 64492-2(N-1)
U.S. Patent Nos. 722415, 727415 & 728627	

NET CONTENTS 4 GAL. (15.8 L)

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# NIBAN<sup>®</sup> GRANULAR BAIT

**A Weather/Moisture Resistant Bait to Kill and Control Ants, Carpenter Ants, Cockroaches, Crickets, Mole Crickets, Earwigs, Silverfish, Snails and Slugs**

FOR BOTH INTERIOR AND EXTERIOR USE

For Use In and Around Homes, Apartments, Garages, Public and Private Institutions, Schools, Hotels, Hospitals, Pet Stores, Zoos, Kennels, Warehouses, Supermarkets, Restaurants, Vending Machines, Aircraft and Food Processing Plants

For outdoor use on home lawns, in-ground utility boxes, pedestal boxes, above-ground transformers, airports, roadsides, highway, rights-of-way, campgrounds, cemeteries, picnic areas, industrial sites, commercial nurseries, non-grazed pasture and rangeland, agricultural crops, golf courses, commercial and recreational turf and sodfarms

**ACTIVE INGREDIENT:**

Orthoboric Acid..... 5%  
OTHER INGREDIENTS ..... 95%  
TOTAL.....100%  
EPA Reg. No. 64405-2    EPA Est. 64405-TN-1

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

<b>First Aid</b>	
<b>If In Eyes:</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If On Skin:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Immediately rinse skin with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

**Personal Protective Equipment**

Applicators and handlers must wear: Long-sleeved shirt and long pants; chemical-resistant or waterproof gloves; and shoes plus socks.

### **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.

### **DIRECTIONS FOR USE**

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

### **GENERAL INFORMATION**

This product is a ready-to-use, weather/moisture resistant bait that controls and kills Ants, Cockroaches, Crickets, Earwigs, Silverfish, Snails and Slugs, including: **ANTS:** Argentine, Carpenter, Thief, Pharaoh, Little Black, Pavement, Odorous House and Crazy Ants. **COCKROACHES:** Asian, American, Brown, Brown Banded, Smokey Brown, German and Oriental Cockroaches. **CRICKETS:** Camel, House, Field and Mole Crickets. **SNAILS AND SLUGS. EUROPEAN EARWIGS.**

Do not contaminate this product with other pesticides. If this product becomes contaminated with another pesticide it will lose its effectiveness. Do not apply directly to food. In commercial food handling facilities, cover or remove any food during application. In food handling and other areas, bait may be placed in removable trays. Always record the number and location of bait stations. This product is designed to be used as a residual treatment in an Integrated Pest Management program incorporating good sanitation practices. This product may be applied in appropriate areas with a power duster (Except in California). Consult equipment manufacturer for recommended settings. Children and pets may enter the treatment area immediately after application is completed. Do not treat pets with this product. Avoid contamination of feed and foodstuff. Avoid over-application around ornamental plants and fish ponds. Do not apply this product in combination with fertilizers, other pesticides or other biologically-active materials.

### **APPLICATION INSTRUCTIONS**

**TO CONTROL AND KILL ANTS, COCKROACHES, CRICKETS, MOLE CRICKETS, SNAILS AND SLUGS ON LAWNS, ORNAMENTAL TURF, PLAYING FIELDS, PARKS AND GREENS OF GOLF COURSES:** Apply bait evenly to affected areas at the rate of 2 pounds per 1000 square feet (3.2 ounces or 2/3 cup per 100 square feet). **When treating for mole crickets:** Thoroughly irrigate treatment areas in the late afternoon prior to application. For maximum effectiveness, do not irrigate treated area immediately after application.

**EXTERIOR BAITING TO CONTROL AND KILL SNAILS AND SLUGS IN FLOWER GARDENS AND AROUND ORNAMENTALS, GROUNDCOVERS AND SHRUBS:** At the beginning of the spring planting season (before damage occurs), broadcast 6 ounces per 100 square feet in areas likely to be infested with snails and slugs. It is best

to apply the bait during early morning or evening when slugs and snails are present and eating. Reapply every four weeks for satisfactory control.

**TO CONTROL AND KILL SNAILS AND SLUGS IN HOME GREENHOUSES AND LATH HOUSES:** Evenly distribute granules on and under benches at the rate of 6 ounces per 100 square feet. Do not place in flats or pots.

**TO CONTROL AND KILL SNAILS AND SLUGS IN INTERIORSCAPES OR FRUIT AND VEGETABLE GARDENS:** Evenly apply bait at a rate of 6 ounces per 100 square feet no more than once every 4 to 6 weeks.

**EXTERIOR BAITING TO CONTROL AND KILL ANTS, INCLUDING CARPENTER ANTS, AROUND HOMES AND OTHER STRUCTURES:** Treat exterior perimeter areas of structure in a band at least 2 to 4 feet wide at a rate of 6 ounces per 100 square feet. Also apply product in a 2 to 4 foot band around all trees, stumps, firewood piles and other locations where carpenter ants may nest. If the nest is located in a hollow tree or stump, apply ½ to 1 ounce of product directly into the cavity. Apply along ant trails and in areas where ant activity has been noted.

**TO CONTROL AND KILL ANTS, COCKROACHES, CRICKETS, EARWIGS AND SILVERFISH WITHIN AND AROUND THE EXTERIOR OF HOMES, HOTELS, APARTMENT BUILDINGS, STORES AND RESTAURANTS (NON-FOOD AREAS), WAREHOUSES AND SEWERS:** Apply at a rate of 4 pounds per 1,000 square feet (6 ounces or 1.25 cups per 100 square feet) of surface area. Spread evenly in crawl spaces, attics, drop ceilings and cellars with dirt or gravel floors. Concentrate application in areas where insect activity is most prevalent. In attics, be sure to apply in eaves and access drains. In warehouses, garages and basements, concentrate application along walls and baseboards. This product may also be applied in inaccessible areas such as cracks and crevices where insects may hide. Apply in pits of elevator, dumbwaiter and trash chute shafts. Apply under and behind pallets and boxes in storerooms. Bait may also be placed in removable trays in areas accessible to insects but inaccessible to children and pets. Always record the location and number of bait stations. Regularly inspect bait stations and replace bait as needed. In sewers, apply along ledges and around manhole entrances. Treat exterior perimeter building walls in a band approximately 2 feet wide and scatter bait in flower beds, leaf litter, wood piles, trash cans and refuse areas. Reapply as necessary.

**For treating new construction:** Apply in wall voids and other areas where insects may hide.

**For perimeter treatments:** Spread bait at a rate of 6 ounces or 1.25 cups per 100 square feet in a band at least 2 feet wide around foundations patios, driveways, sidewalks, entrances to homes and buildings, or other areas where insects are present. Apply around landscape lighting, floodlights, street lamps or other exterior fixtures and scatter bait in flower beds, leaf litter, wood piles, trash cans and refuse areas. Reapply as necessary.

**For treating ant mounds:** Apply 0.5 to 1 ounce of this product around all ant mounds. Supplement by broadcast application in immediate area and along ant trails and in areas where ant activity has been noted.

**TO CONTROL AND KILL ANTS, COCKROACHES, CRICKETS, EARWIGS AND SILVERFISH IN:** Food handling establishments, homes, restaurants, markets, schools, warehouses, factories, offices, hotels, motels, hospitals, nursing homes, garages, grocery stores, apartment buildings, new construction, industrial plants, theaters, ships, boats, trains, aircraft, trucks, yachts, camps, mobile homes, buses, pet stores, zoos, kennels, military bases, libraries, utilities and sewers: **Food area application limited to crack and crevice treatment only.** Apply only in areas inaccessible to children and pets. Avoid contamination of feed and foodstuffs. Apply liberally, scattering/dusting under and behind refrigerator, cooler, stove, sink, dishwasher, washing machine and dryer tubs; counters; into openings around drains, water pipes and electrical conduits; and in cracks and crevices along baseboards and corners of cabinets, counter tops, cupboards, and closets. Remove all lower drawers in kitchen and bathroom cabinets, bedroom dressers and chests of drawers, then scatter/dust liberally in drawer wells. Any bait visible after application must be brushed into cracks and crevices or removed. Reapply as necessary. Bait may also be placed in removable trays in areas accessible to insects but inaccessible to children and pets. Always record the location and number of bait stations. Regularly inspect bait stations and replace bait as needed.

**TO CONTROL AND KILL COCKROACHES, CRICKETS, ANTS, EARWIGS AND SILVERFISH in Federally inspected (USDA) meat and poultry plants:** For application only in inedible product areas and nonprocessing areas as a crack and crevice treatment. Apply liberally to cracks and crevices in areas such as around baseboards and in closets; beneath cabinets and appliances, in and around waste containers and into openings around drains, water pipes and electrical conduits. Avoid contamination of feed and food stuffs. Bait stations may be used. Always record the number and location of bait stations. Regularly inspect bait stations and replace bait as needed. This product is best used as a supplemental residual treatment preceded by approved spray and good sanitation practices.

### **Storage & Disposal**

**Pesticide Storage:** Store in a dry place. Do not store where children or animals may gain access. **Disposal: If empty:** Do not reuse this bag. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

### **Warranty Disclaimer**

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

### **Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, the manner of application or other factors, all of which are beyond the control of the seller. All such risks shall be assumed by the buyer.

### **Limitation of Remedies**

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing. **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.** The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal statements of agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.



100 Nisus Drive  
Rockford, TN 37853  
(800) 264-0870  
[www.nisuscorp.com](http://www.nisuscorp.com)  
**MADE IN THE U.S.A.**

Issue Date: 2/16/93  
Revised: 02/12/09

## MATERIAL SAFETY DATA SHEET

# NIBAN<sup>®</sup> GRANULAR BAIT

Health Emergencies: CHEMTREC<sup>®</sup> (800) 424-9300

### SECTION I - PRODUCT INFORMATION

Manufacturer: Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853  
(800) 264-0870 FAX: (865) 577-5825

Product Trade Name: **NIBAN GRANULAR BAIT**

Product Class: Pesticide Bait

EPA Reg. No. 64405-2

Active Ingredient: Boric Acid CAS No.: 10043-35-3

Hazard Rating: NFPA	Health	0
	Fire	0
	Reactivity	0

### SECTION II - HAZARDOUS INGREDIENTS

None

### SECTION III - PHYSICAL DATA

Appearance: Brown, Granular Particles

Specific Gravity: 0.62 Solubility in water: N/A

Volatile by weight: None Odor: None pH: N/A

### SECTION IV - HEALTH HAZARD INFORMATION

**EYE CONTACT:** Avoid dust contact with eyes. May cause eye irritation.

**SKIN CONTACT:** Not an irritant.

**INGESTION:** This material may be harmful if swallowed.

**INHALATION:** Breathing dust may cause irritation of nose and throat.

Acute Oral LD<sub>50</sub> - Greater than 5000 mg/kg

Acute Dermal LD<sub>50</sub> - Greater than 2000 mg/kg.

Dermal irritation - Not a primary irritant

Dermal Sensitivity - Not a sensitizer.

### SECTION V - EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush eyes for at least 15 minutes with clean water. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash with soap and water.

**INGESTION:** If more than one (1) to two (2) ounces are ingested, induce vomiting and seek medical attention.

**INHALATION:** Remove victim to fresh air. Contact a physician if warranted.

### SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Not Applicable

HAZARDOUS POLYMERIZATION: None

HAZARDOUS DECOMPOSITION PRODUCTS: On burning  
See Fire Data.

### SECTION VII - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

EXTINGUISHING MEDIA: CO<sub>2</sub> dry powder or universal type foam.

FIRE AND EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Burning product produces smoke, carbon dioxide and carbon monoxide. Self-contained breathing apparatus should be used.

### SECTION VIII - SPILL OR LEAK PROCEDURES

IN CASE OF SPILL OR LEAK: Dispose of in approved landfill.

DISPOSAL METHOD: Disposal to landfill in accordance with federal, state and local regulations.

### SECTION IX - SPECIAL HANDLING INFORMATION

Store in dry place.

RESPIRATORY PROTECTION: Dust mask.

VENTILATION: Exhaust to ventilate. If used in confined areas, use dust mask.

PROTECTIVE CLOTHING: None.

EYE PROTECTION: Use dust goggles.

OTHER PROTECTIVE EQUIPMENT: None.

*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.*



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

