

**Turn Ants  
into Ain'ts.**



## **NiBan® Fine Granular Bait Delivers Killer Convenience.**

NiBan-FG gives pest management professionals the power of NiBan in a ready-to-use fine granular form ideal for indoor use. NiBan-FG is perfect for perimeter, attic and crawl space treatments as well as difficult-to-reach areas like cracks and crevices, under cabinets and appliances, in and around waste containers and into openings around drains, water pipes and electrical conduits. NiBan is virtually odorless and weatherized—it's the industry's longest-lasting granular bait.

- **Kills and controls:**
  - multiple species of ants, including carpenter ants
  - cockroaches
  - crickets
  - silverfish
- **Weather- and moisture-resistant**—can be used indoors or outdoors.
- **Proven superior attractants.**
- **Broad spectrum kill.**
- **Kills the whole ant colony.**
- **Has virtually no odor.** Can be used indoors in sensitive areas.
- **Non-staining formulation.**
- **Mega-matrix of attractants to increase uptake by pests year-round.**
- **1-lb. bottle allows convenient, easy dispensing for spot treatments.**
- **Borate-based and formulated with a concern for the environment.**

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**For the control of crickets, cockroaches, silverfish, ants (except fire ants) and earwigs.  
FOR BOTH INTERIOR AND EXTERIOR USE**

**ACTIVE INGREDIENT:**

Orthoboric Acid ..... 5.0%

**OTHER INGREDIENTS** ..... 95.0%

**TOTAL** ..... 100.0%

EPA Reg. No. 64405-2

EPA Est. 64405-TN-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

<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 eyes.</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 with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.</p>	

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 (except Fire Ants), Cockroaches, Crickets, Earwigs and Silverfish, specifically: **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. **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 and avoid contamination of feed and foodstuff. In commercial food handling facilities, cover or remove any food during application. In food handling and other areas, bait may be placed in removable bait stations. 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. Keep children and pets out of treatment area until application has been completed. Do not treat pets with this product. 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.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and handlers must wear: Long-sleeved shirt and long pants; waterproof gloves; and shoes plus socks. Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables are given, use detergent and hot water.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside; then thoroughly wash and put on clean clothing.
- Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water

**APPLICATION INSTRUCTIONS**

**EXTERIOR BAITING TO CONTROL AND KILL ANTS (EXCEPT FIRE ANTS), INCLUDING CARPENTER ANTS, AROUND APARTMENT BUILDINGS, COMMERCIAL ORNAMENTAL NURSERIES, FOOD PROCESSING PLANTS, GARAGES, HOMES, HOSPITALS,**

**HOTELS, KENNELS, MOTELS, PET STORES, PUBLIC & PRIVATE INSTITUTIONS, RECREATIONAL VEHICLES, RESTAURANTS, SCHOOLS, SUPERMARKETS AND WAREHOUSES:** Treat exterior perimeter areas of structure in a band 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 1/2 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 (EXCEPT FIRE ANTS), COCKROACHES, CRICKETS, EARWIGS AND SILVER-FISH WITHIN AND AROUND THE EXTERIOR OF STRUCTURES SUCH AS APARTMENT BUILDINGS, FOOD PROCESSING PLANTS (NON-FOOD AREAS), GARAGES, HOMES, HOSPITALS, HOTELS, KENNELS, MOTELS, PET STORES, PUBLIC & PRIVATE INSTITUTIONS, RECREATIONAL VEHICLES, RESTAURANTS (NON-FOOD AREAS), SCHOOLS, SEWERS, STORES, SUPERMARKETS AND WAREHOUSES:** Apply at a rate of 6 ounces or 1-1/4 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 bait stations 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.

**TO CONTROL AND KILL ANTS (EXCEPT FIRE ANTS), COCKROACHES, CRICKETS, EARWIGS AND SILVER-FISH IN AIRCRAFT, APARTMENT BUILDINGS, APARTMENTS, BOATS, BUSES, CAMPS, FACTORIES, FOOD HANDLING ESTABLISHMENTS, FOOD PROCESSING PLANTS, GARAGES, GROCERY STORES, HOMES, HOTELS, HOSPITALS, INDUSTRIAL PLANTS, KENNELS, LIBRARIES, MARKETS, MILITARY BASES, MOBILE HOMES, MOTELS, NEW CONSTRUCTION, NURSING HOMES, OFFICES, PET STORES, PRIVATE & PUBLIC INSTITUTIONS, RECREATIONAL VEHICLES, RESTAURANTS, SCHOOLS, SEWERS, SHIPS, SUPERMARKETS, THEATERS, TRAINS, TRUCKS, UTILITIES, WAREHOUSES, YACHTS, AND ZOOS: FOOD AREA APPLICATION LIMITED TO ONLY CRACK AND CREVICE TREATMENT.** 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. Bait may also be applied into and around areas of insect infestation of **above-ground transformers, in-ground utility boxes, pedestal boxes and vending machines.** Any bait visible after application must be brushed into cracks and crevices or removed. Reapply as necessary. Bait may also be placed in removable bait stations 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.

**CRACK AND CREVICE APPLICATIONS IN AIRCRAFT, APARTMENT BUILDINGS, APARTMENTS, BOATS, BUSES, CAMPS, FACTORIES, FOOD HANDLING ESTABLISHMENTS, FOOD PROCESSING PLANTS, GARAGES, GROCERY STORES, HOMES, HOSPITALS, HOTELS, INDUSTRIAL PLANTS, KENNELS, LIBRARIES, MARKETS, MILITARY BASES, MOBILE HOMES, MOTELS, NEW CONSTRUCTION, NURSING HOMES, OFFICES, PET STORES, PRIVATE & PUBLIC INSTITUTIONS, RECREATIONAL VEHICLES, RESTAURANTS, SCHOOLS, SEWERS, SHIPS, SUPERMARKETS, THEATERS, TRAINS, TRUCKS, UTILITIES, WARE-HOUSES, YACHTS AND ZOOS:** Crack and crevice applications may be made using most types of dust applicators. A bellows type duster works best. Insert stem into gaps, cracks and crevices and apply 2 to 6 puffs per lineal foot, depending upon the severity of the infestation. Drill small holes to gain access into wall voids and under cabinets. This product may also be applied in appropriate areas with a power duster (except in California). Consult equipment manufacturer for recommended settings.

#### **Application Sites and Directions:**

1. Apply under and behind appliances in kitchens, bathrooms and utility rooms (remove kick plates if possible).
2. Kitchen and bathroom cabinets and vanities often have a space between the floor and the bottom drawer or cabinet. If a gap exists along the top of the kickplate, dust this product into the void area. If no gaps are present, drill a small hole every two feet along the kickplate, drilling at least one hole under each cabinet, and apply this product through the holes.
3. Apply in voids around plumbing pipes behind water heaters and under sinks in kitchens, bathrooms, showers and utility rooms. Pull back escutcheon plates around pipes to allow access to the void.
4. Remove electrical wall socket and switch covers and dust product around boxes and into voids. Do not apply product directly into electrical switch and outlet boxes.

5. Cracks or spaces between the wall and doorframes, cabinets, counter tops, molding or baseboards provide excellent hiding places for roaches and ants. Dust a small amount of this product into these areas wherever possible.
6. Apply under and behind vending machines. If access can be gained to the interior of the machine, apply around the interior base, being careful not to contaminate any foodstuffs.

**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 non-processing 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 AND DISPOSAL**

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

**Pesticide Storage:** Store in a dry place. Do not store where children or animals may gain access. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Non-refillable container; do not reuse or refill this container. Completely empty container then offer for recycling, if available; otherwise dispose of empty container in a sanitary landfill or by incineration.

#### **WARRANTY DISCLAIMER**

To the extent not prohibited by applicable law, 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. To the extent not prohibited by applicable law, **MANUFACTURER MAKES NO OTHER EXPRESS**

**OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

#### **Inherent Risks of Use**

The directions for use are believed to be adequate and must be carefully followed. 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, climatic conditions or the manner of application, all of which are beyond the control of the Manufacturer. To the extent not prohibited by applicable law, the buyer/user assumes all such risks.

#### **Limitation of Remedies**

To the extent not prohibited by applicable law 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.

To the extent not prohibited by applicable law: a) 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; and b) **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 or 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.

It is not intended that this product be used to practice any patent not owned by Nisus Corporation, whether mentioned or not, without procurement of a license (if necessary) from the owner following investigation by the user.



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# MATERIAL SAFETY DATA SHEET

## NIBAN<sup>®</sup>-FG FINE 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-FG 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.*



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