

# iSTRIKE™

## Insecticide Foam



iSTRIKE Insecticide Foam is your go-to product for WDOs. iSTRIKE kills on contact as the foam fills galleries, voids and holes, plus it even leaves a residual to continue protection.

Specifically designed for residential structures, the easy-to-use aerosol can comes with an applicator hose and two tips: one for narrow cracks and crevices or small holes, and a wide tip for larger holes and wider area application

- wood boring beetles
- carpenter bees
- subterranean & drywood termites
- listed ants



**NISUS™**





# Insecticide Foam

• Kills Termites (including Subterranean, Drywood & Dampwood Termites) • Kills wood-boring beetles • Kills carpenter bees • Kills other listed pests • Ready-to-use • No measuring or mixing • Non-staining • For indoor & outdoor spot and crack and crevice treatments • Expands to cover those tough-to-reach areas

### ACTIVE INGREDIENTS:

Imidacloprid..... 0.05%

OTHER INGREDIENTS:..... 99.95%

TOTAL ..... 100.00%

EPA Reg. No. 87093-6-64405

EPA Est. No. 11623-GA-1 (J)

EPA Est. No. 11623-GA-2 (A)

EPA Est. No. 33595-MO-2 (Y)

EPA Est. No. 33595-MO-3 (Q)

EPA Est. No. 33595-MO-4 (N)

*Postscript is first letter of code number on container.*

**STOP – READ THE LABEL BEFORE USE.**

**Keep Out of Reach of Children**

**FOR RESIDENTIAL USE ONLY**

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties of New York.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans & Domestic Animals

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt and long pants, shoes, and socks.

#### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

#### PHYSICAL/CHEMICAL HAZARDS

CONTENTS UNDER PRESSURE. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply product directly into any electronic equipment (i.e., radios, televisions, computers, etc.), or where an electrical short circuit might result, such as in wall outlets, conduits, motors, switches, etc.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label. Use strictly in accordance with label Precautionary Statements and Directions for Use.

#### PRODUCT RESTRICTIONS

- Apply to surfaces only as spot and crack and crevice treatment.
- Do not apply this product in the open or on exposed surfaces, or in areas accessible to children.

- Do not apply near electrical hazards.
- Do not treat firewood.
- Do not reapply this product to a previously treated site or location before 3 months, unless insect activity is observed or suspected.
- Do not use this product as the only source of control for active, structural infestations by subterranean termites. This product is not a substitute for mechanical alteration, soil and foundation treatments. This product can be used to supplement soil applied termiticides, termite bait systems, or other products registered as the sole source for termite control. This product is intended for use as a supplemental product to kill subterranean termites that are found in above ground and other locations.
- Do not apply this product, by any application method, to certain types of wood, including: linden, basswood or other Tilia species.

#### HOW TO APPLY

**Shake well before using.** Hold can upright. Point away from face. Slowly press trigger to dispense foam. To minimize run-off, continue to hold the tip firmly against injection point for 5 seconds after releasing the trigger. Spot treatments with this product can be made, as a temporary control measure, in advance of the date when final treatment of the structure with soil and foundation treatments is completed. To minimize run-off, continue to hold the application tip firmly against the injection point for a full 5 seconds after releasing the dispenser trigger; this will allow product in the application hose to fully expand and enter the target area.

## APPLICATION SITE

This product is for applications to insect galleries in damaged wood, in spaces between wooden structural members, or in voids within the construction. The locations that are intended for treatment may include, but are not limited to, exposed wooden elements in crawlspaces, basements, or attics, unexposed wooden elements inside walls or other structural voids, exterior wooden elements in decks, fencing or siding, channels in damaged wood, in spaces between wooden elements of a structure, and junctions between wood and foundations. This product is also for use in residential structures subject to termite or wood-infesting insect attack.

## APPLICATION TIMING

Apply product to use sites when pests listed below are seen or found.

## PESTS CONTROLLED

Termites, Wood-Infesting Beetles, ants (except for carpenter, pharaoh, fire and harvester) and Carpenter Bees.

**Subterranean Termites:** For use as a localized treatment to control infestations in above-ground areas of the structure, apply a sufficient quantity of foam into the galleries or voids in termite-damaged wood, or in the spaces between termite damaged wooden structural members and between the sill plate and foundation where wood is vulnerable.

**Drywood Termites, Wood Infesting Beetles or Borers:** For use in controlling drywood termites, wood-infesting beetles or borers; including powder post beetles, anobiid or deathwatch beetles, false powder post beetles, old house borers, wharf borers, or ambrosia or bark beetles. Apply a sufficient quantity of this product into voids or channels in damaged wood of a structure, or to cracks, crevices, and spaces in and between wooden portions of a structure or between wood and the foundation, and in locations vulnerable to attack such as crawlspaces.

**Carpenter Bees:** For use as a localized treatment. Apply a sufficient quantity of foam directly into gallery entrance holes. Following treatment with this product, the entrance holes may be plugged with a suitable material.

**Ant Infestations (except for carpenter, pharaoh, fire and harvester):** For use as a localized treatment to control or

suppress ants in houses and other structures. Apply a sufficient quantity of foam by crack and crevice application. Apply enough foam to sufficiently cover the area, but do not allow excessive dripping or run-off to occur. When ant nests are located in decks, treat the interior cavity containing the nest site by injecting a sufficient quantity of this product to cover the area. Inject this product into voids where ants or their nests are present, or other places where these pests enter the structure or where they may have been seen or found. When ant nest site(s) are located in tree hollows or nonstructural wooden constructions (e.g., posts, fences, decks), treat the interior cavity containing the nest site by injecting a sufficient quantity of foam to cover the area.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container. Keep away from fire, sparks, heated surfaces, and avoid excessive heat (>130°F). Store in a cool, dry place inaccessible to children and pets. **Pesticide Disposal and Container Handling:** Do not puncture or incinerate! Non-refillable container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

## WARRANTY

Read the entire Directions for Use and Warranty before using this product. By using this product, user or buyer accepts the following warranty. The directions for use of this product are believed to adequate and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Unintended consequences may result because of unknown factors. All such risks shall be assumed by the user or buyer. The seller is committed to providing high quality products. To the extent consistent with applicable law, the seller makes no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. To the extent consistent with applicable law, the manufacturer or the seller shall not be liable for indirect, special, incidental or consequential damages. To the extent consistent with applicable law, the exclusive remedy of the user or buyer shall not exceed the purchase price paid.



**NISUS**<sup>®</sup>  
CORPORATION

Nisus Corporation • 100 Nisus Drive • Rockford, TN USA 37853  
(800) 264-0870

iSTRIKE and Nisus Corporation are trademarks or registered trademarks of Nisus Corporation.  
©2020 Nisus Corporation #IS-SL-0320a-SAL111015

# SAFETY DATA SHEET



## Insecticide Foam

Health Emergencies: INFOTRAC® (800) 535-5053

### 1. PRODUCT AND COMPANY INFORMATION

**Product Identity:** iSTRIKE™

**Recommended use of the chemical and restrictions on use:**  
Insecticide Foam. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

**Manufacturer:** Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853

**Telephone:** Phone: (800) 264-0870  
Fax: (865) 577-5825

**Emergency Phone:** 800-535-5053 (INFOTRAC)

**SDS Date of Preparation:** 03/15/20

### 2. HAZARDS IDENTIFICATION

**Classification in accordance with regulation HCS 29CFR §1910.1200**

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**Other Hazards**

Contents under pressure.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Imidacloprid	138261-41-3	0.05%
Liquefied Petroleum Gas	68476-86-8	8%
Glycerine	56-81-5	4.50%
Fatty alcohol ethoxylate	66455-15-0	2%

The exact formulation is being withheld as a trade secret.

### 4. FIRST AID MEASURES

**General Advice:** When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.

**Inhalation:** Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.

**Skin Contact:** Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.

**Eye Contact:** 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 physician or poison control center immediately.

**Ingestion:** Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

**Most important symptoms and effects, both acute and delayed symptoms:** To date no symptoms are known.

**Indication of immediate medical attention/special treatment:** Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Water, carbon dioxide (CO<sub>2</sub>), dry chemical, foam.

**Unsuitable Extinguishing Media:** None known.

**Specific hazards arising from the chemical:** Product is contained in a pressurized container which may explode on heating.

**Special Protective Equipment and Precautions for Firefighting Instructions:** Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

**Further Information:** Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Remove all sources of ignition. Avoid contact with spilled product or contaminated surfaces. Isolate hazard area. Keep unauthorized people away.

**Methods and Materials for Containment and Cleaning Up:** Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional Advice:** Use personal protective equipment. Do not allow to enter soil, waterways or waste water canal.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Contents under pressure. Use only in area provided with appropriate exhaust ventilation.

**Advice on protection against fire and explosion:** Keep away from heat and sources of ignition. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

**Hygiene measures:** Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Keep containers tightly closed in a dry, cool and well-ventilated place. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 122°F (50°C). Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Store in original container and out of the reach of children, preferably in a locked storage area. Store in original container and out of the reach of children, preferably in a locked storage area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters:

Component	Control Parameters	Update/Basis
Imidacloprid	5 ug/m <sup>3</sup> (AN ESL)	7/11 TX ESL
Imidacloprid	50 ug/m <sup>3</sup> (ST ESL)	7/11 TX ESL
Glycerine (Mist.)	10 mg/m <sup>3</sup> (TWA)	2/12 ACGIH
Glycerine (Total dust.)	15 mg/m <sup>3</sup> (PEL)	2/06 OSHA Z1
Glycerine (Respirable fraction.)	5 mg/m <sup>3</sup> (PEL)	2/06 OSHA Z1
Glycerine (Total dust.)	10 mg/m <sup>3</sup> (TWA)	1989 OSHA Z1A
Glycerine (Respirable fraction.)	5 mg/m <sup>3</sup> (TWA)	1989 OSHA Z1A
Glycerine (Respirable fraction and dust or fume.)	5 mg/m <sup>3</sup> (TWA)	6/08 TN OEL 1
Glycerine	5 ug/m <sup>3</sup> (AN ESL)	3/12 TX ESL
Glycerine	100 ug/m <sup>3</sup> (AN ESL)	3/12 TX ESL
Glycerine	50 ug/m <sup>3</sup> (ST ESL)	3/12 TX ESL
Glycerine	1000 ug/m <sup>3</sup> (ST ESL)	3/12 TX ESL
Glycerine (Total dust and mist.)	10 mg/m <sup>3</sup> (TWA)	6/08 TN OEL

### Exposure Controls

**Personal Protective Equipment:** In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection:** Respiratory protection is not required under anticipated circumstances of exposure.

**Hand protection:** Chemical resistant nitrile rubber gloves

**Eye protection:** Safety glasses with side-shields

**Skin and body protection:** Wear long-sleeved shirt and long pants and shoes plus socks.

**General protective measures:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear, colorless

**Physical State:** Foam (non-viscous liquid at 25°C)

**Odor:** Slightly sweet citrus surfactant odor

**Odor Threshold:** Not determined

**pH:** 5.67

**Vapor Pressure:** Not established

**Vapor Density (Air=1):** Not determined

**Density:** ca. 1.007 g/cm<sup>3</sup> at 20°C

**Evaporation Rate:** Not determined

**Boiling Point/Range:** Not determined

**Melting/Freezing Point:** Not determined

**Solubility In Water:** Soluble

**Minimum Ignition Energy:** Not determined

**Decomposition Temperature:** Not determined

**Partition coefficient (n-octanol/water):** Not determined

**Viscosity:** 1.49 g/ml

**Flash Point:** >302°F (150°C)

**Autoignition Temperature:** Not determined

**Lower Explosion Point:** Not determined

**Upper Explosion Limit:** Not determined

**Explosivity:** Not applicable

## 10. STABILITY AND REACTIVITY

**Thermal Decomposition:** Not determined

**Chemical Stability:** Stable under normal storage conditions.

**Possibility of Hazardous Reactions:** No hazardous reactions when stored and handled according to prescribed instructions.

**Conditions to Avoid:** Heat, flames and sparks

**Incompatible Materials:** Not determined

**Hazardous Decomposition Products:** Not determined

## 11. TOXICOLOGICAL INFORMATION

**Exposure routes:** Skin contact, ingestion, eye contact

**Eye:** No eye irritation

**Skin:** May cause slight irritation.

**Ingestion:** May be harmful if swallowed.

**Acute oral toxicity:** LD<sub>50</sub> (female rat) > 5,000 mg/kg

**Acute inhalation toxicity:** Cannot be prepared and tested in a respirable form. No data available

**Acute dermal toxicity:** LD<sub>50</sub> (male/female combined rat) > 5,000 mg/kg

**Skin irritation:** Slight irritation (rabbit)

**Eye irritation:** No eye irritation (rabbit)

**Sensitization:** Non-sensitizing. (guinea pig), OECD Test Guideline 406, Buehler test

**Assessment repeated dose toxicity:** Imidacloprid did not cause specific target organ toxicity in experimental animal studies.

**Assessment Mutagenicity:** Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

**Assessment Carcinogenicity:** Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.

**ACGIH:** None **NTP:** None **IARC:** None **OSHA:** None

**Assessment toxicity to reproduction:** Imidacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Imidacloprid is related to parental toxicity.

**Assessment developmental toxicity:** Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity.

**Further information:** Only acute toxicity studies have been performed on the formulated product. The non-acute information pertains to the active ingredient(s).

## 12. ECOLOGICAL INFORMATION

**Toxicity to fish:** LC<sub>50</sub> (Rainbow trout (*Oncorhynchus mykiss*)) 211 mg/l. Exposure time: 96 h. The value mentioned relates to the active ingredient imidacloprid.

**Toxicity to aquatic invertebrates:** EC<sub>50</sub> (Water flea (*Daphnia magna*)) 85 mg/l. Exposure time: 48 h. The value mentioned relates to the active ingredient imidacloprid.

**Biodegradability:** Imidacloprid is not rapidly biodegradable

**Koc:** Imidacloprid: Koc:225

**Bioaccumulation:** Imidacloprid does not bioaccumulate.

**Mobility in Soil:** Imidacloprid is moderately mobile in soils

**Environmental Precautions:** Apply this product as specified on the label. 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 surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

## 13. DISPOSAL CONSIDERATION

**Product:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Contaminated packaging:** Do not re-use empty containers. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Place empty container in trash.

**RCRA Information:** Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

## 14. TRANSPORTATION INFORMATION

### 49CFR

UN Number: 1950

Class: 2.2

Proper Shipping Name: AEROSOLS

### IMDG

UN Number: 1950

Class: 2.2

Marine Pollutant: No  
Proper Shipping Name: AEROSOLS

**IATA**

UN Number: 1950  
Class: 2.2

Environm. Hazardous Mark: No  
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

**15. REGULATORY INFORMATION**

**US Federal Regulations**

**TSCA list**

Liquefied Petroleum Gas: 68476-86-8  
Glycerine: 56-81-5  
Fatty alcohol ethoxylate: 66455-15-0

**US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D):** None

**SARA Title III - Section 302 - Notification and Information:** None

**SARA Title III - Section 313 - Toxic Chemical Release Reporting:** None

**US States Regulatory Reporting CA Prop65**

This product does not contain any substances known to the State of California to cause cancer. This product does not contain any substances known to the State of California to cause reproductive harm.

**US State Right-To-Know Ingredients:**

Liquefied Petroleum Gas 68476-86-8 NJ, PA  
Glycerine 56-81-5 MN, RI

**Environmental CERCLA**

None

**Clean Water Section 307 Priority Pollutants:** None

**Safe Drinking Water Act Maximum Contaminant Levels:** None

**EPA/FIFRA Information:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt and long pants, shoes and socks.

**EPA Reg. No. 87093-6-64405**

**16. OTHER INFORMATION**

**NFPA 704 Rating:**

Health = 1 Flammability = 2 Instability = 1

**HMIS Rating:**

Health = 1 Flammability = 2 Physical Hazard = 1 PPE = 0

**SDS Revision History:** New: 05/01/17: Revised: SDS: 03/15/20

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions.



**NISUS**<sup>®</sup>  
CORPORATION

100 Nisus Drive • Rockford, TN 37853 USA • (800) 264-0870

iSTRIKE and Nisus Corporation are trademarks or registered trademarks of Nisus Corporation. ©2020 Nisus Corporation • #IS-SDS-031520a



**NISUS**<sup>®</sup>  
CORPORATION

100 Nisus Drive • Rockford, TN 37853 • 800-264-0870