

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: 08/17/21

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 (CO₂), 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 ³ (AN ESL)	7/11 TX ESL
Imidacloprid	50 ug/m ³ (ST ESL)	7/11 TX ESL
Glycerine (Mist.)	10 mg/m ³ (TWA)	2/12 ACGIH
Glycerine (Total dust.)	15 mg/m ³ (PEL)	2/06 OSHA Z1
Glycerine (Respirable fraction.)	5 mg/m ³ (PEL)	2/06 OSHA Z1
Glycerine (Total dust.)	10 mg/m ³ (TWA)	1989 OSHA Z1A
Glycerine (Respirable fraction.)	5 mg/m ³ (TWA)	1989 OSHA Z1A
Glycerine (Respirable fraction and dust or fume.)	5 mg/m ³ (TWA)	6/08 TN OEL 1
Glycerine	5 ug/m ³ (AN ESL)	3/12 TX ESL
Glycerine	100 ug/m ³ (AN ESL)	3/12 TX ESL
Glycerine	50 ug/m ³ (ST ESL)	3/12 TX ESL
Glycerine	1000 ug/m ³ (ST ESL)	3/12 TX ESL
Glycerine (Total dust and mist.)	10 mg/m ³ (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/cm³ 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: LD₅₀ (female rat) > 5,000 mg/kg

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

Acute dermal toxicity: LD₅₀ (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: LC₅₀ (Rainbow trout (*Oncorhynchus mykiss*)) 211 mg/l. Exposure time: 96 h. The value mentioned relates to the active ingredient imidacloprid.

Toxicity to aquatic invertebrates: EC₅₀ (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 NON-FLAMMABLE

IMDG

UN Number: 1950

Class: 2.2

Marine Pollutant: No
Proper Shipping Name: AEROSOLS NON-FLAMMABLE

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: 03/05/21

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[®]
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-081721a



NISUS[®]
CORPORATION

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