

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

ARTHROBAN GRUB AND INSECT CONTROL

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I Mixture

Manufacturer's name TURF LINE FERTILIZER, INC.	Emergency Telephone Number (585) 334-4574
Address (Number, Street, City, State and ZIP Code) 1225 LEHIGH STATION ROAD	Telephone Number for Information (585) 334-4574
HENRIETTA, NY 14467	Date Prepared 03/29/2012
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV
DG Lite Carrier (CAS # not listed)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Imidacloprid (CAS # 138261-41-3)		

Section III—Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	NA
Vapor Pressure (mm Hg)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	Relatively insoluble		
Appearance and Odor	Tan granular mix, with slight odor		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Not Flammable	Flammable Limits	NA	LEL	NA	UEL	NA
Extinguishing Media	Use media suitable for surrounding fire						
Special Fire Fighting Procedures	Wear full protective clothing and positive-pressure self-contained breathing apparatus						
Unusual Fire and Explosion Hazards	Decomposition products may be toxic						

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid	Excessive heat
	Stable	X		
Incompatibility (Materials to Avoid)	Strong oxidizers, acids, bases			
Hazardous Decomposition or Byproducts	NO _x , CO _x			
Hazardous Polymerization	May Occur		Conditions to Avoid	
	Will Not Occur	X		

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation? X	Skin? X	Ingestion? X
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Health Hazards (*Acute and Chronic*) May be irritating to the eyes, causing redness and watering. Mild skin irritation may result from exposure. No other health effects are known.

Carcinogenicity None known	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure Pre-existing respiratory, skin, or eye conditions

Emergency and First Aid Procedures

IF SWALLOWED: If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.

IF INHALED: Move victim to fresh air. Seek medical attention if irritation persists.

IF IN THE EYES: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

IF ON SKIN: Shower/wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens. However, the product may contain trace amounts of crystalline silica and wood dust, which are listed by IARC as potential human carcinogens. Imidacloprid has shown no evidence of carcinogenicity in animal studies. Imicloprid is not listed by ACGIH, IARC, NTP, or OSHA.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.

Waste Disposal Method Read product label before disposing of product and container. Dispose of in accordance with all federal, state and local regulations. Reuse recovered product where possible.

Precautions to Be Taken in Handling and Storing Read product label before handling. Use only as directed on the label. Keep out of reach of children. Store in a cool, dry, well-ventilated area.

Other Precautions Wash completely after use

Section VII—Control Measures

Respiratory Protection (*Specify Type*) NIOSH approved respirator recommended

Ventilation	Local Exhaust Recommended	Special handling Applicators should stand upwind when
	Mechanical (<i>General</i>) NA	Other

Protective Gloves Impermeable gloves recommended

Eye Protection Safety glasses with side shields, goggles or face shield are recommended

Other Protective Clothing or Equipment Long sleeves recommended

Work/Hygienic Practices Wash clothing after use

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