

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)

TURF LINE CRABGRASS PREVENTER PLUS 22-0-8 TURF FERTILIZER

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
Natural Organic Fertilizer (CAS # not listed)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Potash (CAS # 7447-40-7)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Urea (CAS # 57-13-6)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Micronutrient Mix (CAS # not listed)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Potassium Magnesium Sulfate (CAS # 14977-37-8)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Prodiamine (CAS # 29091-21-2)		
UFLEXX (CAS # not listed)		

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 Partially soluble

Appearance and Odor Multi-colored granular mix, with slight ammonia/sulfur 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; sulfur will burn when separated from molten urea			

Section V—Reactivity Data			
Stability	Unstable		Conditions to Avoid Excessive heat (greater than 200°F)
	Stable X		
Incompatibility (Materials to Avoid)	Strong oxidizers, acids, alkalis, caustics, hypochlorites		
Hazardous Decomposition or Byproducts	HCN, NO _x , CO _x , NH ₃ , cyanuric acid, SO _x		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur X		
Section VI—Health Hazard Data			
Route(s) of Entry	Inhalation?	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic) May be irritating to the nose and respiratory tract, and may cause sore throat, coughing and shortness of breath. Skin irritation may result from repeated or prolonged exposure. Skin sensitization may occur in susceptible individuals. May also be irritating to eyes, causing redness and watering. Prolonged eye exposure may cause conjunctivitis and corneal damage. Ingestion may result in abdominal pain, nausea, diarrhea, blurred vision, sweating, salivation, muscle twitching and tremor. Ingestion of large amounts of sulfur may lead to hydrogen sulfide poisoning due to bacterial conversion of sulfur in the colon.			
Carcinogenicity	None known	NTP? No	IARC Monographs? No OSHA Regulated? No
Signs and Symptoms of Exposure	The active ingredient in this product did not cause cancer.		
Medical Conditions	Generally Aggravated by Exposure Highly allergic individuals should take special precautions to avoid skin and dust contact.		
Emergency and First Aid Procedures	Flush eyes with plenty of water. Wash skin with soap and water. Get medical attention.		
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled	This product is toxic to fish. Do not apply directly to water and wetlands. Do not contaminate water when disposing.		
Waste Disposal Method	Do not contaminate water, food or feed by storage or disposal. Dispose of material in accordance with all governmental regulations.		
Precautions to Be Taken in Handling and Storing	Store in dry area. Keep away from children, pets or foodstuffs.		
Other Precautions	Wash completely after use.		
Section VIII—Control Measures			
Respiratory Protection (Specify Type)	NIOSH approved pesticide respirator recommended		
Ventilation	Local Exhaust	Recommended	Special Applicators should stand upwind when handling
	Mechanical (General)	NA	Other
Protective Gloves	Impermeable gloves		Eye Protection Safety glasses with side shields, goggles or faceshield are recommended
Other Protective Clothing or Equipment	NA		
Work/Hygienic Practices	Wash clothing after use		

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