

**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 DISSOLVE WEED KILLER 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 <b>TURF LINE FERTILIZER, INC.</b>	Emergency Telephone Number <b>(585) 334-4574</b>
Address (Number, Street, City, State and ZIP Code) <b>1225 LEHIGH STATION ROAD</b>	Telephone Number for Information <b>(585) 334-4574</b>
<b>HENRIETTA, NY 14467</b>	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 <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)
Potash (CAS # 7447-40-7)	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)
Urea (CAS # 57-13-6)	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)
Micronutrient Mix (CAS # not listed)	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)
Potassium Magnesium Sulfate (CAS # 14977-37-8)	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)
Dissolve (CAS # not listed)		
UFLEXX (CAS # not listed)		

**Section III—Physical/Chemical Characteristics**

Boiling Point	NA	Specific Gravity (H <sub>2</sub> 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 odor

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) Not Flammable	Flammable Limits NA	LEL NA	UEL NA
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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

<b>Section V—Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid Excessive heat (greater than 200°F)
	Stable X		
Incompatibility (Materials to Avoid)	Strong oxidizers, acids, caustics, hypochlorites		
Hazardous Decomposition or Byproducts	HCN, NO <sub>x</sub> , CO <sub>x</sub> , NH <sub>3</sub> , cyanuric acid, SO <sub>x</sub>		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur X		
<b>Section VI—Health Hazard Data</b>			
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. 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, and diarrhea. 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 Pre-existing respiratory, skin or eye conditions		
Emergency and First Aid Procedures			
<p><b>IF SWALLOWED:</b> If victim is alert and no convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek medical attention.</p> <p><b>IF INHALED:</b> Move victim to fresh air. Seek medical attention if condition persists.</p> <p><b>IF IN THE EYES:</b> Immediately flush eyes with water for 20 minutes. Seek medical attention if irritation persists.</p> <p><b>IF ON SKIN:</b> Shower/ wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.</p>			
<b>Section VII—Precautions for Safe Handling and Use</b>			
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.		
<b>Section VIII—Control Measures</b>			
Respiratory Protection (Specify Type)	NIOSH approved pesticide respirator, if needed		
Ventilation	Local Exhaust	Recommended	Special Applicators should stand upwind when handling
	Mechanical (General)	NA	Other
Protective Gloves	Rubber gloves recommended		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		

**Section IX: Additional Information**

ACTIVE INGREDIENT LEVEL (%): 0.560 as 2,4-D salt  
0.145 as MCPP salt  
0.143 as 2,4-DP salt

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