

**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 FAS-START  
SEED STARTER 18-24-12**

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)
Inorganic Iron 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)
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)
Diammonium Phosphate (CAS # 7783-28-0)	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)

**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

**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 Use self-contained breathing apparatus in confined areas.

Unusual Fire and Explosion Hazards Combustion may produce toxic fumes, such as Oxides of Nitrogen, Carbon Monoxide and unidentified organic compounds

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid Excessive heat (greater than 200°F)
	Stable X		
Incompatibility ( <i>Materials to Avoid</i> ) Strong oxidizers, caustics, acids, hypochlorites, HCN, NOx, COx, NH <sub>3</sub> , cyanuric acid			
Hazardous Decomposition or Byproducts			
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 ( <i>Acute and Chronic</i> ) *Prolonged or repeated exposure may cause moderate skin irritation. *A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts.			
Carcinogenicity	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 VII—Control Measures**

Respiratory Protection ( <i>Specify Type</i> )		Use approved NIOSH respirator for dusts.
Ventilation	Local Exhaust	As needed
	Mechanical ( <i>General</i> )	NA
Protective Gloves	Rubber	Eye Protection
Other Protective Clothing or Equipment		Not needed
Work/Hygienic Practices		Wash clothing after use

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