

MATERIAL SAFETY DATA SHEET



Scotts® ProTurf® NPK Turf Fertilizer Plus Minors 19-3-19

8361

Professional Business Group
The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

In Case of Emergency call:
1-937-644-0011 (USA)
For non-Emergency calls:
1-937-644-0011 (USA)

I. MATERIAL IDENTIFICATION

Product Name: Scotts® ProTurf® NPK Turf Fertilizer Plus Minors
Analysis: 19-3-19
Stock Number: 8361

NFPA Hazard Ratings		
Health	2	0 Least
Flammability	1	1 Slight
Reactivity	0	2 Moderate
		3 High
		4 Severe

II. HAZARDOUS INGREDIENTS

MATERIAL	CAS #	OSHA	ACGIH
		PEL	TLV
Monoammonium Phosphate	7722-76-1	None	None
Sulfur	7704-34-9	None	None
Urea	57-13-6	None	None
Potassium Chloride	7447-40-7	None	None
Ferrous Sulfate	7782-63-0	1mg(Fe)/m3	1mg(Fe)/m3
Ferric Oxide	1309-37-1	10 mg(Fe)/m3	5 mg(Fe)/m3
Manganese Oxide	1344-43-0	5 mg(Mn)/m3	5 mg(Mn)/m3
Zinc Oxide	1314-13-2	5mg/m3	10 mg/m3
Sodium Molybdate	7631-95-0	5 mg(Mo)/m3	5 mg(Mo)/m3
Nuisance Dust	N/A	15 mg/m3 (total dust)	10 mg/m3 (respirable)

III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.
Skin: Wash thoroughly. If irritation persists, get medical attention.
Inhalation: Remove to fresh air. Treat symptomatically. Call a physician.
Ingestion: Induce vomiting or gastric lavage if large amounts ingested. Treat symptomatic and supportive.

IV. HEALTH HAZARD INFORMATION

Summary of Risks: Possible nausea, vomiting, and diarrhea - possible eye and skin irritation.
Inhalation of heavy concentrations of manganese-containing dusts over very prolonged periods of exposure (usually 1 to 3 years) has been reported to cause damage to the central nervous system.

Primary Entry Route(s): Ingestion, inhalation

Acute Hazards: See summary

Chronic Effects: Excessive and prolonged (2 years or more) exposure to manganese dust has been reported to cause damage to the central nervous system.

Medical conditions which may be aggravated by contact: Skin abrasions and sores. Inhalation of dusts may aggravate asthma.

Ingredients Listed as a Carcinogen: IARC Monograph No
NTP: No
OSHA: No

V. PERSONAL PROTECTION AND PRECAUTIONS

Eye Contact: Protective eyewear normally not required but is suggested to avoid eye contact.
Gloves: None required for normal use.
Respiratory: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

VI. PHYSICAL HAZARD INFORMATION

Fire and Explosion

Flash Point (Test Method): N/A
Flammable Limits (% in Air): N/A
Auto Ignition Temperature: N/A

Physical Properties

Appearance: Granular
Melting Point: N/A
Boiling Point: N/A
Solubility in H₂O: N/A
Specific Gravity: Not established
Vapor Pressure: N/A
Evaporation Rate: N/A

Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known

Hazardous Decomposition Products: In a fire, thermal decomposition of urea and methylene ureas will generate ammonia. Oxides of nitrogen, potassium, sulfur, chlorine, and carbon are also possible.

Chemical Incompatibilities: None known

Unusual Fire, Explosion and Reactivity Hazards: Sulfur dust can form explosive mixtures with air. If product is consumed in a fire, toxic sulfur dioxide will form.

In Case of Fire: Use self-contained air supply.

Extinguishing Media: Dry chemical, water fog, foam, CO₂.

VII. REGULATORY INFORMATION

DOT Classification: Not classified as hazardous material.

VIII. STORAGE AND SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:

Avoid bag breakage, keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing.
Wash after handling. Keep out of reach of children. Keep out of lakes, streams, or ponds.

In case of spills:

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste management/disposal:

Remove to approved landfill.

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