

MATERIAL SAFETY DATA SHEET



ProTurf® FF II

AGC8566

14-3-3

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

In Case of Emergency call:
CHEMTREC 1-800-424-9300
International Emergency Telephone Number:
1-703-527-3887 (USA)
For non-Emergency calls:
1 -937-644-0011(USA)

I. MATERIAL IDENTIFICATION

Product Name: ProTurf® FF II
Analysis: 14-3-3
Stock Number: 8566
EPA Reg. Number:

NEPA Hazard Ratings	
Health	3
Flammability	1
Reactivity	0

0 Least
1 Slight
2 Moderate
3 High
4 Severe

II. HAZARDOUS INGREDIENTS

<u>MATERIAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Pentachloronitrobenzene (PCNB)	82-68-8	None	0.5 mg/m ³ TWA
Urea	57-13-6	None	None
Ammoniated Phosphate	7722-76-1/7783-28-0	None	None
Potassium Chloride	7447-40-7	None	None
Nuisance Dust	N/A	15 mg/m ³ (total dust)	10 mg/m ³ (respirable)

III. FIRST AID PROCEDURES

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

IV. HEALTH HAZARD INFORMATION

Summary of Risks:

Possible nausea, vomiting, and diarrhea. Animal studies on active ingredient have shown hepatic involvement.
Causes transient eye irritation clearing in 7 days in test animals.

Primary Entry Route(s): Ingestion.
Acute Effects: Oral LD50 (rat): > 5 g/kg. Dermal LD50 (rabbit): > 2 g/kg.
Chronic Effects: None known.

Medical conditions which may
be aggravated by contact:

Skin abrasions and sores. Inhalation of dust may aggravate asthma.

Ingredients Listed as a Carcinogen:

IARC Monographs: 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:	Rubber gloves required during loading procedure.
Respiratory:	If airborne dust levels are high, a dust mask is recommended to avoid inhalation.
Other:	Long-sleeved shirt, long pants, socks and shoes.
Hygienic Practices:	In case of contact, wash immediately.

VI. PHYSICAL HAZARD INFORMATIONFire 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 H ₂ O:	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. Hydrogen chloride, phosgene and oxides of nitrogen, carbon, and phosphorus are also possible.
Chemical Incompatibilities:	None known

Unusual Fire, Explosion and Reactivity Hazards:

None known

In Case of Fire:

Use self-contained air supply.

Extinguishing Media:Dry chemical, water fog, foam, CO₂.**VII. REGULATORY INFORMATION**DOT Classification:

Classified as Environmentally hazardous substance, solid, NOS, 9, UN3077, PGIII, RQ (Pentachloronitrobenzene) only when transported in bulk (>649 lb). RQ for PCNB (Pentachloronitrobenzene) equals 100 lbs.

VIII. STORAGE AND SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Read label for storage and disposal instructions. Avoid bag breakage, keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing. Keep out of reach of children. Keep out of lakes, streams, or ponds. Store away from extreme heat.

In case of spills: Read label. Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling. Avoid breathing dust.

Waste management/disposal: Read label. Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency or the hazardous waste representative at the nearest EPA Regional Office for guidance.

Revised:

Date Issued: 4/23/98

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