

MATERIAL SAFETY DATA SHEET



83386-1

Scotts® ProTurf® Fluid Fungicide

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:	Scotts® ProTurf® Fluid Fungicide	NFPA Hazard Ratings	
Stock Number:	83386-1	Health	2
EPA Reg. Number:	538-183	Flammability	0
		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>
Dimethyl [(1,2-phenylene)bis(iminocarbonothioyl)]bis[carbamate] (Thiophanate-methyl, Topsin M)	23564-05-8	None	None
3-(3,5-Dichlorophenyl)-N-(1-methylethyl)- 2,4-dioxo-1-imidazolidinecarboxamide (Iprodione, RP 26019)	36734-19-7	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 perform gastric lavage if large amounts are ingested. Symptomatic and supportive care.
Skin: Wash thoroughly. If irritation persists, get medical attention.
Inhalation: Remove to fresh air. Treat symptomatically.

IV. HEALTH HAZARD INFORMATION

Summary of Risks: Causes eye irritation and temporary injury in test animals with some corneal involvement. Irritation in test animals cleared in 7 days. Nose bleeding, lacrimation, atonia of abdominal muscles, lethargy, decreased respiratory rate, mydriasis. Possible nausea, vomiting, and diarrhea.

Primary Entry Route(s): Ingestion, inhalation
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

Warning: This product contains a chemical (Iprodione) known to the State of California to cause cancer.

V. PERSONAL PROTECTION AND PRECAUTIONS

Personal Protective Equipment: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical resistant gloves (such as Barrier Laminate, Butyl rubber, Nitrile rubber, Neoprene rubber, poly vinyl chloride, or Viton), and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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: Water-base flowable
 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: Oxides of nitrogen, sulfur and carbon are possible in a fire. Hydrogen chloride is also possible.
 Chemical Incompatibilities: Strong oxidizers, acids, bases.

Unusual Fire, Explosion and Reactivity Hazards: None known

In Case of Fire: Use self-contained breathing apparatus.

Extinguishing Media: N/A

VII. REGULATORY INFORMATION

DOT Classification: Not classified as a hazardous material.

VIII. STORAGE AND SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:

Read label for storage and disposal instructions. Store in cool, clean dry place. Do not store at temperatures exceeding 120°F nor at temperatures below 32°F. Avoid container breakage. Avoid contact with skin or getting in eyes. In case of ingestion, severe skin or eye irritation, get medical attention. Wash all exposed areas. Keep out of reach of children. Keep out of lakes, streams, or ponds. Keep away from feed or foodstuffs.

In case of spills:

Cover or incorporate. Add absorbent and sweep up spills. Avoid contact with skin or getting in eyes. Wash after using. Do not contaminate water by cleaning of equipment or disposal of wastes.

Waste management/disposal:

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or if allowed by State or local authorities by burning. If burned, stay out of smoke. Do not reuse empty container.

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