



**THE ANDERSONS
MATERIAL SAFETY DATA SHEET**

PRODUCT CODE: AGC73WFF3

DATE PREPARED: 02/02/06

SECTION I: PRODUCT IDENTITY

PRODUCT NAME: The Andersons Golf Products FF III Snowmold Fungicide with Fertilizer

DISTRIBUTOR INFO: The Andersons Lawn Products
PO Box 119
Maumee, Ohio 43537

FOR EMERGENCY: (800) 757-8951
FOR INFORMATION: (419) 891-2957

CURRENT AS OF: 2/2/06

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV
Sulfate of Potash (CAS # 7778-80-5)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
DG Lite carrier (CAS # Not listed)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Ammonium sulfate (CAS # 7783-20-2)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Nutralene (CAS # Not listed)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Vermiculite (CAS # Not listed)	15 mg/m ³ (total) 5 mg/m ³ (respirable) 0.1 mg/m ³ (respirable quartz)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable) 0.5 mg/m ³ (respirable quartz)
Propiconazole (CAS # 60207-90-1)		
PCNB (CAS # 82-68-8)		0.5 mg/m ³
Chlorothalonil (CAS # 1897-45-6)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Polybutene (CAS # 9003-29-6)		
Butyrolactone (CAS # 96-48-0)		

SECTION III: PHYSICAL DATA

BOILING POINT: NA EVAPORATION RATE: NA pH: NA
VAPOR DENSITY: NA VAPOR PRESSURE: NA
MELTING POINT: NA SPECIFIC GRAVITY: 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: Not flammable FLAMMABLE LIMITS: NA
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

SECTION V: REACTIVITY DATA

CONDITIONS TO AVOID: Excessive heat
INCOMPATIBILITY: Strong oxidizers, acids, alkalis
HAZARDOUS DECOMPOSITION PRODUCTS: NO_x, CO_x, NH₃, SO_x, cyanuric acid, HCl, HCN, phosgene
Product is stable and hazardous polymerization will not occur.

SECTION VI: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved particulate / organic vapor respirator, if required
EYE PROTECTION: Safety glasses with sideshields, goggles, or faceshield are highly recommended
SKIN PROTECTION: Long sleeves, rubber (nitrile or butyl) gloves recommended
VENTILATION: Local exhaust ventilation recommended; applicators should stand upwind when handling

SECTION VII: HEALTH HAZARD DATA

HEALTH HAZARDS: May be irritating to the nose, respiratory tract, and digestive system. Ingestion may result in abdominal pain, vomiting, and diarrhea. Skin and eye irritation may also result. Eye irritation can be severe. Skin allergies and sensitization are possible. Ingestion of large amounts of daconil may cause gastrointestinal irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing eye, skin, or respiratory conditions

FIRST AID PROCEDURES:

IF SWALLOWED: If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.

IF INHALED: Move victim to fresh air. Seek medical attention if irritation persists.

IF IN THE EYES: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

IF ON SKIN: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens. However, product may contain trace amounts of crystalline silica / quartz and wood dust, which are listed by IARC as potential human carcinogens. Studies on laboratory animals have suggested that daconil may have oncogenic potential. PCNB is an experimental animal carcinogen and a possible human carcinogen.

SECTION VIII: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL / RELEASE PROCEDURES: Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.

WASTE DISPOSAL METHOD: Dispose of in accordance with all federal, state, and local regulations. Reuse recovered product where possible.

HANDLING / STORING PRECAUTIONS: Store in a cool, dry, well ventilated area. Do not store above 120° F.

SECTION IX: ADDITIONAL INFORMATION

ACTIVE INGREDIENT LEVEL (%): 7.5 as PCNB
3.9 as chlorothalonil
0.62 as propiconazole

SARA INFORMATION:

SECTION 302: Not an "extremely hazardous substance"

SECTION 313: All three actives (PCNB, chlorothalonil, and propiconazole) listed

CERCLA RQ: 100 lbs (PCNB)

RCRA LISTING: U185 (PCNB)

MSDS ID NO: 5132

PREPARED BY: SS

The information and data contained herein is based upon facts considered to be correct as of the date hereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will The Andersons be responsible for damages of any nature whatsoever resulting from the use or reliance upon this information. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which this information refers.