



**THE ANDERSONS
MATERIAL SAFETY DATA SHEET**

PRODUCT CODE: APTDGBF5

DATE PREPARED: 11/17/04

SECTION I: PRODUCT IDENTITY

PRODUCT NAME: The Andersons Professional Turf Products 0.15% G Bifenthrin

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

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

CURRENT AS OF: 5/27/05

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV
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)
Bifenthrin (CAS # 82657-04-3)		

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: Tan 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; foam is preferred

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 (greater than 200°F)

INCOMPATIBILITY: Oxidizers, acids

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, HCl, HF, SO_x

Product is stable and hazardous polymerization will not occur.

SECTION VI: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved pesticide respirator recommended, if needed

EYE PROTECTION: Safety glasses with side shields, goggles, or faceshield are recommended

SKIN PROTECTION: Long sleeves, rubber 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, throat, and respiratory tract. Skin irritation, including numbing, burning, or tingling sensations, may result from repeated or prolonged exposure. May also be irritating to the eyes. Overexposure through ingestion may result in nose bleeds, tremors, and convulsions. The active ingredient is moderately toxic by the oral route and slightly toxic by the dermal route.

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

FIRST AID PROCEDURES:

IF SWALLOWED: If victim is alert and not convulsing, give one glass of water to dilute material and 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: Shower/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 and wood dust, which are listed by IARC as potential human carcinogens.

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. Bifenthrin is highly toxic to fish and aquatic organisms. Keep out of water bodies.

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

HANDLING / STORING PRECAUTIONS: Read product label before handling. Use only as directed on the label. Keep out of the reach of children. Store in a cool, dry, well ventilated area. Do not store near oxidizers.

SECTION IX: ADDITIONAL INFORMATION

ACTIVE INGREDIENT LEVEL (%): 0.15

SARA INFORMATION:

SECTION 302: Not an "extremely hazardous substance"

SECTION 313: Bifenthrin listed

CERCLA RQ: Not listed

RCRA LISTING: Not listed

MSDS ID NO: 1058A

PREPARED BY: SS

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