



ANDERSONS GOLF PRODUCTS TURF FERTILIZER 10-3-10 WITH DITHIOPYR® HERBICIDE

SAFETY DATA SHEET

CURRENT AS OF: 12/12/24

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10004862, 10010008

PRODUCT NAME: ANDERSONS GOLF PRODUCTS TURF FERTILIZER 10-3-10 WITH DITHIOPYR® HERBICIDE

PRODUCT USE: Fertilizer / Herbicide

MFR INFO: The Andersons, Inc.
PO Box 119
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



WARNING

**MAY CAUSE SKIN AND EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION**

HAZARD CLASSIFICATIONS:

EYE IRRITATION

SKIN IRRITATION

SPECIFIC TARGET ORGAN TOXICITY

- *SINGLE EXPOSURE*

CATEGORY

2B

2

3

INTERPRETATION

Causes eye irritation

Causes skin irritation

Causes irritation to respiratory tract

PRECAUTIONARY STATEMENTS:

- *KEEP OUT OF REACH OF CHILDREN*
- *READ LABEL BEFORE USE*
- *IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL ON HAND*
- *WEAR PROTECTIVE GLOVES AND CLOTHING*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*
- *IF SWALLOWED AND UNWELL: SEEK MEDICAL ATTENTION*
- *IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES*
- *IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION*
- *USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS*
- *AVOID BREATHING DUST*
- *IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING*

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- *STORE CONTAINER TIGHTLY CLOSED*
- *DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS*

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
DG Lite carrier		Not listed	40-50
Potassium sulfate	Sulfate of potash	7778-80-5	15-25
Methylene ureas	Nutralene	Mixture	10-20
Monoammonium phosphate	MAP	7722-76-1	1-10
Limestone	Dolomite	16389-88-1	1-10
Urea		57-13-6	1-10
Micronutrient mix		Mixture	1-10

SECTION 4: FIRST AID MEASURES

IF INHALED:	Move to fresh air and keep comfortable, seek medical attention if unwell.
IF ON SKIN:	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, seek medical attention if irritation persists.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITTING unless directed by a medical professional. Seek medical attention if unwell.
SPECIAL TREATMENT:	None known
HEALTH HAZARDS:	See Section 11

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	Use media suitable for surrounding fire. No special media required.
SPECIFIC FIRE HAZARDS:	When heated to decomposition, this product will emit toxic oxides, hydrogen sulfide and ammonia.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

- SPILL / RELEASE PROCEDURES:** Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.
- ENVIRONMENTAL PRECAUTIONS:** Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.
- PROTECTIVE EQUIPMENT:** Wear PPE according to Section 8

SECTION 7: HANDLING AND STORAGE

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Do not get in eyes or on skin. Avoid breathing dusts. Not intended for human consumption. Store in a cool, dry, well ventilated area away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

<u>HAZARDOUS COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Urea	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

- RESPIRATORY PROTECTION:** NIOSH approved respirator, if required
- EYE PROTECTION:** Safety glasses with sideshields, goggles, or faceshield
- SKIN PROTECTION:** Appropriate for the task. Impervious and compatible with material,
- VENTILATION:** Use with adequate ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE AND ODOR:** Multi-colored granular mix, with slight ammonia odor
- pH:** Not Applicable
- MELTING POINT:** Not applicable
- BOILING POINT:** Not available
- FLASH POINT:** Not flammable
- EVAPORATION RATE:** Not available
- FLAMMABLE LIMITS:** Not applicable
- VAPOR PRESSURE:** Not available
- VAPOR DENSITY:** Not available
- SPECIFIC GRAVITY:** ~0.85
- SOLUBILITY (IN WATER):** Soluble
- PARTITION COEFFICIENT:** Not available
- AUTOIGNITION TEMP:** Not available
- DECOMPOSITION TEMP:** Not available
- ODOR THRESHOLD:** Not available
- VISCOSITY:** Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: Heat, incompatible materials

INCOMPATIBILITY: Strong acids, bases, oxidizers and soft metals

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides, hydrogen sulfide and ammonia

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: May be irritating to the nose and respiratory tract, and may cause sore throat, coughing and shortness of breath. Skin irritation may result from repeated or prolonged exposure. May also be irritating to the eyes, causing redness and watering. Prolonged eye exposure may cause conjunctivitis and corneal damage. Ingestion may result in abdominal pain, nausea, and diarrhea. Prolonged or repeated overexposure to the active ingredient could cause kidney, liver, blood, thyroid, and adrenal effects.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens. However, product may contain trace amounts of crystalline silica which is listed by IARC as potential human carcinogen.

INGREDIENT TOXICITY RANGES:

ORAL: > 2,000 mg/kg (Monoammonium phosphate) – 15,000 mg/kg (urea)

DERMAL: > 5,000 mg/kg (Monoammonium phosphate, dithiopyr)

INHALATION: > 5.98 mg/L (4 hr) (dithiopyr)

SECTION 12: ECOLOGICAL INFORMATION

Long term degradation products may arise. Products of degradation are not expected to be hazardous. Excessive nutrients in waterways may cause algal blooms that may be detrimental to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA 311/312: Acute (Monoammonium phosphate)

SECTION 16: OTHER INFORMATION

NFPA RATINGS: HEALTH 1
 FLAMMABILITY 0
 INSTABILITY 0

HMIS RATINGS: HEALTH 1
 FLAMMABILITY 0
 INSTABILITY 0

ACTIVE INGREDIENT LEVEL (%): 0.164 as dithiopyr

PREPARATION & VERSION INFORMATION

Version 001 – SDS updated using new template 12/12/2024 Prepared By DBA EHS Consulting

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