



**THE ANDERSONS  
SAFETY DATA SHEET**

DATE PREPARED: 02/05/20

CURRENT AS OF: 5/19/22

**SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION**

PRODUCT CODE: 10004958, 10005096

PRODUCT NAME: ANDERSONS GOLF PRODUCTS TURF FERTILIZER 21-0-18 WITH DICOT WEED CONTROL IV

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:



**DANGER**

**CAUSES SERIOUS EYE DAMAGE, SKIN AND RESPIRATORY IRRITATION. HARMFUL IF SWALLOWED. MAY CAUSE AN ALLERGIC SKIN REACTION.**

HAZARD CLASSIFICATIONS:

*EYE DAMAGE*

*ACUTE TOXICITY, ORAL*

*SENSITIZATION, SKIN*

*SKIN IRRITATION*

*SPECIFIC TARGET ORGAN TOXICITY*

*- SINGLE EXPOSURE*

CATEGORY

1

4

1

2

3

INTERPRETATION

Causes serious eye damage

Harmful if swallowed

May cause an allergic skin reaction

Causes skin irritation

Causes irritation to respiratory tract

PRECAUTIONARY STATEMENTS:

- *OBTAIN SPECIAL INSTRUCTIONS BEFORE USE*
- *DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.*
- *STORE LOCKED UP*
- *WEAR PROTECTIVE GLOVES AND CLOTHING*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *DO NOT BREATHE DUSTS*
- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION*
- *IF EXPOSED OR CONCERNED: CALL POISON CONTROL OR SEEK MEDICAL ATTENTION*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT*
- *IF INHALED: REMOVE TO FRESH AIR AND KEEP COMFORTABLE. IMMEDIATELY CALL POISON CONTROL AND SEEK MEDICAL ATTENTION.*

- *IF SWALLOWED: RINSE MOUTH, CALL POISON CONTROL AND 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*

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<b><u>CHEMICAL IDENTITY</u></b>	<b><u>SYNONYM</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>CONCENTRATION (%)</u></b>
Ureas	Mixed ureas	Mixture	20-30
Potassium Sulfate		7778-80-5	30-40
2,4-dichlorophenoxyacetic acid	2,4-D Ester	94-75-7	< 1%

**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, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING 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, sulfides 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**

Avoid creating or accumulating dusts during processing and application. Wash hands after handling material. Do not eat, drink or smoke while handling the material. Do not breathe 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.

<b><u>HAZARDOUS COMPONENT</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>
Dry fertilizer blend	Not available	Not available

**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:	Granular
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:	~0.785
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, accumulation of dusts
INCOMPATIBILITY:	Strong acids, bases and oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic oxides, sulfides and ammonia

**SECTION 11: TOXICOLOGICAL INFORMATION**

**HEALTH EFFECTS:** Causes serious eye damage. Causes skin and respiratory irritation. May cause an allergic skin reaction. Harmful if swallowed.

**CARCINOGENICITY:** 2,4-dichlorophenoxyacetic acid is classified as “possibly carcinogenic to humans” (Group 2B).

**INGREDIENT TOXICITY RANGES:**

**ORAL:** > 100 mg/kg (2,4-dichlorophenoxyacetic acid) – 650 mg/kg (mecoprop)

**DERMAL:** > 900 mg/kg (mecoprop) – 2,000 mg/kg (dicamba)

**INHALATION:** > 2.36 mg/L (dicamba)

**SECTION 12: ECOLOGICAL INFORMATION**

Very toxic to aquatic life with long lasting effects. Long-term degradation products may arise. Products of degradation are not expected to be hazardous.

**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
SARA 313:	Mecoprop 2,4-dichlorophenoxyacetic acid
REPORTABLE QUANTITY:	Acetic acid, (2,4-dichlorophenoxy)- (100 lbs.)
RCRA:	Code U240

**SECTION 16: OTHER INFORMATION**

NFPA RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

**ACTIVE INGREDIENT LEVEL (%):** 0.760 as 2,4-dichlorophenoxyacetic acid  
0.170 as mecoprop  
0.070 as dicamba

**PREPARED BY:** DBA EHS Consulting

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