



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 03/15/18

CURRENT AS OF: 3/16/18

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: ASP36DMR5.5

PRODUCT NAME: Andersons Golf Products 36-0-0 with Dimension Turf Herbicide & Ronstar

PRODUCT USE: Fertilizer/Herbicide

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

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



WARNING

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE. CAUSES SKIN AND EYE IRRITATION.

HAZARD CLASSIFICATIONS:

TOXIC TO REPRODUCTION

CATEGORY

2

INTERPRETATION

Suspected of damaging fertility or the unborn child

SPECIFIC TARGET ORGAN TOXICITY

- **REPEATED EXPOSURE**

2

May cause damage to the blood and liver through prolonged or repeated exposure

EYE IRRITATION

2B

Causes eye irritation

SKIN IRRITATION

2

Causes skin irritation

PRECAUTIONARY STATEMENTS:

- **OBTAIN SPECIAL INSTRUCTIONS BEFORE USE**
- **DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD**
- **IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION**
- **STORE LOCKED UP**
- **WEAR PROTECTIVE GLOVES AND CLOTHING**
- **REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE**
- **DO NOT BREATHE DUSTS**
- **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**

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Oxadiazon		19666-30-9	1.00
Ureas	Mixed ureas	Mixture	90-100

SECTION 4: FIRST AID MEASURES

IF INHALED:	Move to fresh air and keep comfortable and seek medical attention.
IF ON SKIN:	Wash affected areas with soap and water while removing and isolating all contaminated clothing. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
IF IN THE EYES:	Immediately flush with water for 15-20 minutes and seek medical attention.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITTING unless directed by a medical professional. Call POISON CONTROL and seek medical attention.
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 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:	Do not create dust. 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. 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 PROTECTIONEXPOSURE 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.

HAZARDOUS COMPONENT

Dry fertilizer blend

OSHA PEL

Not available

ACGIH TLV

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: Blue-colored granules 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: Not available

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 and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides and ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Suspected of damaging fertility or the unborn child. Causes damage to blood and liver through prolonged or repeated exposure. Causes eye and skin irritation.

CARCINOGENICITY: Oxadiazon is classified as "Possible human carcinogen" (Group C).

INGREDIENT TOXICITY RANGES:

ORAL: > 14,300 mg/kg (urea)

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. Do not generate dusts. 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:	Oxadiazon
RIGHT-TO-KNOW:	Oxadiazon (NJ)
CA PROP-65:	WARNING: This product contains a chemical known to the State of California to cause cancer or reproductive harm (Oxadiazon)

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0
HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0
ACTIVE INGREDIENT LEVEL (%):	1.000 as oxadiazon 0.125 as dithiopyr	
SDS NO:	5049	
PREPARED BY:	DBA EHS Consulting	

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