



ANDERSONS GOLF PRODUCTS 23-3-5 FERTILIZER PLUS FUNGICIDE VIII

SAFETY DATA SHEET

CURRENT AS OF: 2/18/26

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10004905, 10004906

PRODUCT NAME: ANDERSONS GOLF PRODUCTS 23-3-5 FERTILIZER PLUS FUNGICIDE VIII

PRODUCT USE: Fertilizer

EPA REG NO: 9198-228

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:



SIGNAL WORD: WARNING

HAZARD STATEMENT: CAUSES EYE, SKIN, AND RESPIRATORY IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. HARMFUL IF INHALED. SUSPECTED OF CAUSING CANCER AND GENETIC DEFECTS.

<u>HAZARD CLASSIFICATIONS:</u>	<u>CATEGORY</u>	<u>INTERPRETATION</u>
ACUTE TOXICITY, INHALATION	4	Harmful if inhaled
EYE IRRITATION	2B	Causes eye irritation
SKIN IRRITATION	2	Causes skin irritation
SENSITIZATION, SKIN	1	May cause an allergic skin reaction
GERM CELL MUTAGENICITY	2	Suspected of causing genetic defects
CARCINOGENICITY	2	Suspected of causing cancer

PRECAUTIONARY STATEMENTS:

- STORE LOCKED UP
- OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
- DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
- WEAR PROTECTIVE GLOVES AND CLOTHING
- REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE
- DO NOT BREATHE DUSTS
- IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL

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- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT*
- *IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION*
- *IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES AND SEEK MEDICAL ATTENTION*
- *IF 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>
Ammonium Dihydrogen Phosphate	MAP	7722-76-1	00-10
Urea		57-13-6	50-60
Potassium Sulfate		7778-80-5	30-40
Biodac Carrier	Granular Paper	9004-34-6	20-30
Iprodione		36734-19-7	0.906
Thiophanate-methyl		23564-05-8	2.06

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 and seek medical attention.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING 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/fumes, 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.
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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. Do not store with food or feedstuffs. 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. Currently, the other constituents have no known exposure limits.

HAZARDOUS COMPONENT

OSHA PEL

ACGIH TLV

No requirements

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:	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 dust

INCOMPATIBILITY: Strong acids, bases, oxidizers, soft metals and alloys

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HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides/fumes, sulfides, and ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes eye, skin and respiratory irritation. May cause an allergic skin reaction. Harmful if inhaled. Suspected of causing cancer and genetic defects.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens on the IARC list of carcinogens.

INGREDIENT TOXICITY RANGES:

DERMAL: > 2,000 mg/kg (thiophanate-methyl)

ORAL: > 3,500 mg/kg (iprodione) – 14,300 mg/kg (urea)

INHALATION: > 1.7 mg/L (thiophanate-methyl, 4hr) – 5.16 mg/L (iprodione, 4hr)

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. 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

US FEDERAL REGULATIONS

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304: This material does not contain any components with a section 304 EHS RQ.

SARA 311 / 312: Refer to Section 2.

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

CHEMICAL NAME	CAS No.	% BY WEIGHT
Thiophanate-methyl		

CERCLA (RQ):	CHEMICAL NAME	CAS No.	REPORTABLE QTY (lbs)
	Thiophanate-methyl		10 lbs.

RCRA: Code U240 (Thiophanate-methyl)

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TSCA			
Chemical Name	CAS No.	US TSCA Inventory Listing	US TSCA Inactive / Active Designation
Granular Paper	9004-34-6	Present	Active
Iprodione	36734-19-7	Exempt	Active
Urea	57-13-6	Present	Active
Potassium Sulfate	7778-80-5	Present	Active
Ammonium Dihydrogen Phosphate	7722-76-1	Present	Active
Thiophanate-Methyl	23564-05-8	Exempt	Active

US STATE REGULATIONS

RIGHT-TO-KNOW:	CHEMICAL NAME	CAS No.	States
	Iprodione		PA
	Thiophanate-methyl		NJ, PA

CALIFORNIA PROP 65:CA PROP 65: This product contains a chemical known to the state of California to cause genetic defects in males and females (Thiophanate-methyl) and causing cancer (Iprodione).

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

ACTIVE INGREDIENT LEVEL (%): 0.906 as iprodione
2.060 as thiophanate-methyl

PREPARATION & VERSION INFORMATION

Version 001 – SDS originally created 02/18/2026 Prepared By DBA EHS Consulting

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