



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 05/20/22

CURRENT AS OF: 10/11/22

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10007804

PRODUCT NAME: SIGNIFY DG

PRODUCT USE: Fertilizer

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

**TOXIC IF INHALED. HARMFUL IF SWALLOWED.
MAY CAUSE AN ALLERGIC SKIN REACTION.**

HAZARD CLASSIFICATIONS:

ACUTE TOXICITY, INHALATION
ACUTE TOXICITY, ORAL
SENSITIZATION, SKIN

CATEGORY

3
4
1

INTERPRETATION

Toxic if inhaled
Harmful if swallowed
May cause an allergic skin reaction

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 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*

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

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Azoxystrobin	Amistar	131860-33-8	<1.0%
Propiconazole	Desmel; Tilt	60207-90-1	<1.0%
Dimethyl Sulfoxide	DMSO	67-68-5	00-05
Dispersing Carrier		Mixture	90-100

SECTION 4: FIRST AID MEASURES

IF INHALED:	Move to fresh air and keep comfortable. Immediately call POISON CONTROL and seek medical attention.
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. Immediately 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 hydrogen chloride.
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. Keep container closed and store locked up. 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**OSHA PEL****ACGIH TLV**

Pesticide

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: Brown granule with slightly musty 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: ~0.758

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: Accumulation of dusts

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides/fumes and hydrogen chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Toxic if inhaled. Harmful if swallowed. May cause an allergic skin reaction.

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

SIGNIFY DG**INGREDIENT TOXICITY RANGES:**

ORAL: > 1,490 mg/kg (propiconazole) – 5,000 mg/kg (azoxystrobin)

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. Do not allow material to enter waterways.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA 311/312: ACUTE, CHRONIC

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

ACTIVE INGREDIENT LEVEL (%): 0.310 as azoxystrobin
0.750 as propiconazole

PREPARED BY: DBA EHS Consulting

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