



**THE ANDERSONS  
SAFETY DATA SHEET**

DATE PREPARED: 04/03/91

CURRENT AS OF: 12/14/15

**SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION**

PRODUCT CODE: AGC8222.4

PRODUCT NAME: Andersons Golf Products Insecticide III

PRODUCT USE: Pesticide

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

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 891-2957

**SECTION 2: HAZARDS IDENTIFICATION**

HAZARD SYMBOLS / STATEMENTS:



**DANGER**

**MAY CAUSE MILD SKIN IRRITATION  
TOXIC IF SWALLOWED  
MAY CAUSE EYE IRRITATION  
MAY CAUSE RESPIRATORY IRRITATION**



HAZARD CLASSIFICATIONS:

*ACUTE TOXICITY*

*SKIN IRRITATION*

*EYE IRRITATION*

*TARGET ORGAN SYSTEMIC TOXICITY*

CATEGORY

3

3

2B

3

INTERPRETATION

Moderate

Mild Skin Irritation Possible

Promptly Reversible Eye Irritation Possible

Transient Respiratory Irritation Possible

**PRECAUTIONARY STATEMENTS:**

- *KEEP OUT OF REACH OF CHILDREN*
- *READ LABEL BEFORE USE*
- *IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL ON HAND*
- *CALL A POISON CENTER / PHYSICIAN IF UNWELL*
- *IF ON SKIN, WASH WITH PLENTY OF SOAP AND WATER*
- *IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE*
- *IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES – REMOVE CONTACT LENSES*
- *IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK, OR SMOKE WHEN USING PRODUCT*
- *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*
- *STORE CONTAINER TIGHTLY CLOSED*
- *DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS*

**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>
Proprietary carrier	DG Lite	Not listed	97.9
Chlorpyrifos pre-mix		Mixture	2.1

**SECTION 4: FIRST AID MEASURES**

IF INHALED:	Move victim to fresh air. Seek medical attention if irritation persists.
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 at least 20 minutes. Seek medical attention if irritation persists.
IF SWALLOWED:	If victim is alert and not convulsing, give one glass of water to dilute material and induce vomiting. Seek immediate 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:	Decomposition products may be toxic.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- SPILL / RELEASE PROCEDURES: Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.
- ENVIRONMENTAL PRECAUTIONS: Prevent spilled material from entering storm drains or water bodies.
- PROTECTIVE EQUIPMENT: See Section 8

**SECTION 7: HANDLING AND STORAGE**

Store in a cool, dry, well ventilated area. Do not store above 120° F.

**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>
DG Lite carrier	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

- RESPIRATORY PROTECTION: NIOSH approved pesticide respirator, if required
- EYE PROTECTION: Safety glasses with sideshields, goggles, or faceshield recommended
- SKIN PROTECTION: Long sleeves, chemical-resistant gloves recommended
- VENTILATION: Local exhaust ventilation recommended

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

- APPEARANCE AND ODOR: Tan granular mix with slight odor
- pH: Not available
- MELTING POINT: Not available
- BOILING POINT: Not applicable
- FLASH POINT: Not flammable
- EVAPORATION RATE: Not applicable
- FLAMMABLE LIMITS: Not applicable
- VAPOR PRESSURE: Not applicable
- VAPOR DENSITY: Not applicable
- SPECIFIC GRAVITY: Not available
- SOLUBILITY (IN WATER): Partially soluble
- PARTITION COEFFICIENT: Not applicable
- AUTOIGNITION TEMP: Not available
- DECOMPOSITION TEMP: Not available

**SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Product is stable.

CONDITIONS TO AVOID: Excessive heat (greater than 200°F)

INCOMPATIBILITY: Alkaline materials

HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>, NO<sub>x</sub>, ethyl sulfide, diethyl sulfide, HCl

**SECTION 11: TOXICOLOGICAL INFORMATION**

HEALTH EFFECTS: May be irritating to the nose and respiratory tract. Skin irritation may result from repeated or prolonged exposure. May also be irritating to the eyes. Ingestion may result in abdominal pain, nausea, and diarrhea. Excessive exposure to the active ingredient may produce organophosphate-type cholinesterase inhibition. Signs and symptoms may include headache, dizziness, incoordination, muscle twitching, tremors, sweating, pupil constriction, blurred vision, salivation, tearing, tightness in the chest, excessive urination, and convulsions.

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

**INGREDIENT TOXICITY RANGES:**

ORAL: 100-250 mg/kg (chlorpyrifos)

DERMAL: > 2,000 mg/kg (chlorpyrifos)

INHALATION: 200 mg/m<sup>3</sup> (4 hr) (chlorpyrifos)

**SECTION 12: ECOLOGICAL INFORMATION**

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated as a transportation hazard.

**SECTION 15: REGULATORY INFORMATION**

SARA SECTION 311 / 312 HAZARD CATEGORY: IMMEDIATE HAZARD

SARA SECTION 313: Chlorpyrifos listed

**SECTION 16: OTHER INFORMATION**

NFPA RATINGS:       HEALTH               1  
                          FLAMMABILITY       0  
                          INSTABILITY         0

HMIS RATINGS:       HEALTH               1  
                          FLAMMABILITY       0  
                          PHYSICAL HAZARD    0

ACTIVE INGREDIENT LEVEL (%):    1.34 as chlorpyrifos

MSDS ID NO:           1004A

PREPARED BY:         SS

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