

# STERGO<sup>TM</sup> GR

## SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

### 1. IDENTIFICATION

**PRODUCT NAME:** Stergo GR  
**DESCRIPTION:** A granular fungicide  
**EPA Reg. No.:** 91234-371  
**COMPANY IDENTIFICATION:** Atticus, LLC  
940 NW Cary Parkway, Suite 200  
Cary, NC 27513

### 2. HAZARD IDENTIFICATION

#### DANGER

May cause damage to organs through prolonged or repeated exposure (H373)

May cause respiratory irritation (H335)

Toxic if inhaled (H331)



#### HAZARD CLASSIFICATION

##### Health Hazards

Specific target organ toxicity, repeated exposure

Specific target organ toxicity, single exposure

Acute toxicity, inhalation

**Category**

2

3

3

##### Physical Hazards

None

**Category**

-

##### Environmental Hazards

None

**Category**

-

#### HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow coming into contact with oxidizing agent. Hazardous reaction may occur.

#### PRECAUTIONARY STATEMENTS

Do not breathe dust. Use only outdoors or in a well-ventilated area. (P260+P271)

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. Specific treatment (see Section 4 for additional medical information). (P304+P340+P316+P321)

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Get medical help if you feel unwell. (P319)

Store in a well-ventilated place. Keep container tightly closed. Store locked up. (P403+P233+P405)

Dispose of contents / container using instructions in the product label and in accordance with local / Federal regulations. (P501)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS#	Composition
Mefenoxam	D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester and L-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester	70630-17-0 and 69516-34-3	1.0%
Fuller's Earth	-	8031-18-3	Trade Secret

**NOTE:** Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

## 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information. For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC day or night. Within USA and Canada: 1-800-424-9300 or +1703-527-3887 (collect calls accepted).

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

## 5. FIREFIGHTING MEASURES

**Flash Point:** Not available.

**Fire and Explosion Hazards:** Do not mix or allow coming into contact with oxidizing agent. Hazardous Chemical reaction may occur.

**Extinguishing Medium:** Dry chemical, foam or carbon dioxide (CO<sub>2</sub>). If water is used to fight fire, dike and collect runoff.

**Fire Fighting Equipment:** Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

**Fire Fighting Instructions:** Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Use foam or dry chemical fire extinguishing systems to prevent environmental damage from excessive water runoff. Decontaminate fire fighting gear and personal protective equipment before reuse.

**Hazardous Combustion Products:** Irritating and possibly toxic gases may be generated through combustion or thermal decomposition.

**NFPA Ratings:** Health – 2 / Flammability – 1 / Reactivity – 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

**Environmental Precautions:** Contain spillage and minimize spread. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of drains, sewers, ditches and water ways. Do NOT contaminate water when disposing of rinse waters.

**Spill Cleanup:** Avoid creating dust during cleanup. Sweep, scoop or shovel spilled material and place into suitable closed containers for reuse or disposal. After decontamination, spill area can be washed with water. Collect washwater for approved disposal. Place leaking containers in oversize leakproof drums for transport.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

**Storage:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters:

Chemical Name	OSHA PEL	ACGIH TLV	Other	Source
Other ingredients	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Mefenoxam	Not Established	Not Established	5 mg/m <sup>3</sup> TWA	Syngenta

**Engineering Controls:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**Protective Clothing:** Applicators, and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride [PVC] ≥ 14 mils, or Viton® ≥ 14 mils., shoes plus socks.

**General:** Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of clothes before removing. As soon as possible, wash thoroughly and change clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	brown granular
<b>Odor:</b>	mildly bitter
<b>Melting/Freezing Point:</b>	not determined
<b>Boiling Point/Range:</b>	not determined
<b>Flammability:</b>	not determined
<b>Flam. Limits (upper/lower):</b>	not determined
<b>Flash Point (Pensky-Martens cc):</b>	not determined
<b>Auto-Ignition Temp.:</b>	not determined
<b>Decomposition Temp.:</b>	not determined
<b>pH:</b>	8.2-9.2
<b>Viscosity:</b>	not determined
<b>Solubility:</b>	not determined
<b>Partition Coefficient:</b>	not determined
<b>Vapor Pressure:</b>	not determined
<b>Density:</b>	36.1 lbs/ft <sup>3</sup>
<b>Particle Char.:</b>	not determined



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## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Do not mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.

**CHEMICAL STABILITY:** Stable under normal use and storage conditions.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Incompatible with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

The following information is from a substantially similar product:

**ORAL TOXICITY (rat LD<sub>50</sub>):** >5,000 mg/kg (body weight)

**DERMAL TOXICITY (rat LD<sub>50</sub>):** > 2,000 mg/kg (body weight)

**INHALATION TOXICITY (rat LC<sub>50</sub>):** > 0.776 mg/L (4-hour)

**EYE IRRITATION:** Minimally irritating (Rabbit)

**SKIN IRRITATION:** Slightly irritating (Rabbit)

**SKIN SENSITIZATION:** Not a Sensitizer (Guinea Pig)

### CARCINOGENICITY:

**EPA:** Not likely to be carcinogenic to humans (mefenoxam)

**ACGIH:** Not listed **IARC:** Not listed

**NTP:** Not listed **OSHA:** Not listed

**CHRONIC TOXICITY:** Liver effects at high dose animal tests.

### SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:

Exposure may result in shortness of breath, cough, and sputum production. (Fuller's Earth).

### SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:

Liver effects at high dose animal tests (mefenoxam). Repeated and prolonged inhalation may cause delayed injury to lungs (silicosis). (Fuller's Earth).

## 12. ECOLOGICAL INFORMATION

The following information is for the active ingredient, Mefenoxam:

Rainbow Trout (96-hour LC<sub>50</sub>): >121 ppm

Fathead Minnow (96-hour LC<sub>50</sub>): >110 mg

Sheepshead Minnow (96-hour LC<sub>50</sub>): >95 mg

Eastern Oyster (48-hour EC<sub>50</sub>): 9.7 mg ai/L (moderately toxic)

Water Flea (48-hour EC<sub>50</sub>): >113 ppm

Algae (48-hour EC<sub>50</sub>): 20.3 mg; (NOAEC): 6.2 mg ai/L

### AVIAN TOXICITY

Bobwhite Quail Oral (14-day LD<sub>50</sub>): 981 mg/kg

Bobwhite Quail Subacute Dietary (LC<sub>50</sub>): >4,830 mg/kg

### ENVIRONMENTAL FATE

Does not bioaccumulate. Not persistent in soil or water. Moderate mobility in soil.

## 13. DISPOSAL CONSIDERATIONS

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

## 14. TRANSPORT INFORMATION

**US-DOT:** Not regulated

**IMDG:** Not regulated

**IATA:** Not regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## 15. REGULATORY INFORMATION

### FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.

#### ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water.

#### Ground Water Advisory

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

#### SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

#### SARA Title III – Section 311/312 Hazard Categories

Immediate (acute), Delayed (chronic)

#### SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

#### SARA Title III – Section 313 Reportable Ingredients

Not listed

#### CERCLA Reportable Quantity (RQ) –

Not listed

#### RCRA Code

Not applicable

#### CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the State of California to cause cancer or other reproductive harm.

#### CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## 16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 1.1

Effective Date: 7/12/2024



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