



**SAFETY DATA SHEET**  
**EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)**

**1. IDENTIFICATION**

**PRODUCT NAME:** Stergo MX  
**DESCRIPTION:** Liquid Fungicide  
**EPA REG. NO.:** 91234-222  
**COMPANY IDENTIFICATION:** Atticus, LLC  
940 NW Cary Parkway, Suite 200  
Cary, NC 27513

**2. HAZARD IDENTIFICATION**

**WARNING**  
Causes eye irritation (H320)

**HAZARD CLASSIFICATION**

**Health Hazards** Category  
Eye damage/irritation 2B

**Other Hazards** Category  
None -

**Environmental Hazards**  
None -

**HAZARDS NOT REQUIRING CLASSIFICATION**

DO NOT use, pour, spill, or store near heat or open flame. DO NOT mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur. DO NOT mix with fire suppressants, i.e. monoammonium phosphate (MAP). Hazardous chemical reaction may occur.

**PRECAUTIONARY STATEMENTS**

Wash hands and exposed skin thoroughly after handling. (P264)

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. (P305+P351+P338+P337+P317)

**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	22.0%
Other Inert Ingredients	-	Trade Secret	78.0%

**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. For emergency medical assistance, call SafetyCall®: **1-844-685-9173**. For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC: **1-800-424-9300**.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**5. FIREFIGHTING MEASURES**

**Flash Point:** No data available.

**Fire and Explosion Hazards:** Do not use or store near heat or open flame.

**Extinguishing Medium:** Dry chemical, foam or carbon dioxide (CO2). 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 – 1 / 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:** Prevent material from entering public sewer systems or any waterways. Do not flush to drain.

**Spill Cleanup:** Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g., commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.



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## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

**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:** Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

**Protective Clothing:** Applicators, and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves made of barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, or Viton  $\geq$  14 mils; and 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	transparent amber liquid
<b>Odor:</b>	mildly sour
<b>Melting / Freezing Point:</b>	no data available
<b>Boiling Point / Range:</b>	no data available
<b>Flammability:</b>	no data available
<b>Flam. Limits (upper/lower):</b>	no data available
<b>Flash Point (cc):</b>	no data available
<b>Auto-Ignition Temp.:</b>	no data available
<b>Decomposition Temp.:</b>	no data available
<b>pH:</b>	5-6 (1% dispersion)
<b>Capillary Viscosity:</b>	192.3 cPs @ 25°C 88.3 cPs @ 40°C
<b>Solubility:</b>	no data available
<b>Partition Coefficient:</b>	no data available
<b>Vapor Pressure:</b>	no data available
<b>Bulk Density:</b>	9-10 lb/gal
<b>Particle Char.:</b>	no data available

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** DO NOT use, pour, spill, or store near heat or open flame. DO NOT mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur. DO NOT mix with fire suppressants, i.e. monoammonium phosphate (MAP). Hazardous chemical reaction may occur.

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

**INCOMPATIBILITY WITH OTHER MATERIALS:** None known.

**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>):** 2,965 mg/kg (body weight)

**DERMAL TOXICITY (rat LD<sub>50</sub>):** > 5,050 mg/kg (body weight)

**INHALATION TOXICITY (rat LC<sub>50</sub>):** > 2.8 mg/L (4-hour)

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

**SKIN IRRITATION:** Non-irritating (Rabbit)

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

**CARCINOGENICITY:**

**NTP:** Not listed

**IARC:** Not listed

**EPA:** Not listed

**MUTAGENIC TOXICITY:** No data available.

**REPRODUCTIVE TOXICITY:** No data available.

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

**TARGET ORGAN EFFECTS:** Liver effects at high dose animal tests (mefenoxam)

## 12. ECOLOGICAL INFORMATION

Information presented below is from testing done with the active ingredient, mefenoxam:

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

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

**AVIAN TOXICITY**

Bobwhite Quail (14-day LD<sub>50</sub>): 981 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 should 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.



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## 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 absorbed through skin or swallowed. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

#### 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 apply when weather conditions favor drift from treated areas. DO NOT contaminate water when disposing of equipment wash waters or rinsate.

#### Ground Water Advisory

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

#### Physical or Chemical Hazards

DO NOT use, pour, spill, or store near heat or open flame. DO NOT mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur. DO NOT mix with fire suppressants, i.e. monoammonium phosphate (MAP). Hazardous chemical reaction may occur.

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)

#### 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: 1.0

Effective Date: 06/17/2021



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