MATERIAL SAFETY DATA SHEET

Syngenta Crop Protection, Inc.
Post Office Box 18300
Greensboro, NC 27419

In Case of Emergency, Call
1-800-888-8372

1. PRODUCT IDENTIFICATION

Product Name: MAXIM XL FUNGICIDE
EPA Signal Word: Caution
Product No.: A10013A

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other</th>
<th>NTP/IARC/OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol (&lt;= 6%)</td>
<td>Not Established</td>
<td>100 mg/m³ (ceiling) [aerosol]</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Mefenoxam (8.4%)</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Fludioxonil (21.0%)</td>
<td>Not Established</td>
<td>Not Established</td>
<td>10 mg/m³ TWA***</td>
<td>No</td>
</tr>
</tbody>
</table>

*** Syngenta Occupational Exposure Limit (OEL)

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.
Syngenta Hazard Category: B

3. HAZARDS IDENTIFICATION

Symptoms of Acute Exposure
- Causes mild eye and skin irritation.

Hazardous Decomposition Products
- Can decompose at high temperatures forming toxic gases.

Physical Properties
- Appearance: Tan liquid
- Odor: Sweet, like latex paint

Unusual Fire, Explosion and Reactivity Hazards
- During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

4. FIRST AID MEASURES

Have the product container, label or Material Safety Data Sheet with you when calling Syngenta (800-888-8372), a poison control center or doctor, or going for treatment.

Ingestion: If swallowed: Call Syngenta (800-888-8372), a poison control center or doctor immediately for treatment.
5. FIRE FIGHTING MEASURES

Fire and Explosion
- Flash Point (Test Method): > 200°F
- Flammable Limits (% in Air): Lower: % Not Applicable  Upper: % Not Applicable
- Autoignition Temperature: Not Available
- Flammability: Not Applicable

Unusual Fire, Explosion and Reactivity Hazards
- During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

In Case of Fire
- Use dry chemical, foam or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak
- 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.

7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.
11. TOXICOLOGICAL INFORMATION

**Acute Toxicity/Irritation Studies (Finished Product)**

<table>
<thead>
<tr>
<th>Mode of Exposure</th>
<th>Toxicity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Slightly Toxic</td>
<td>Oral (LD50 Rat) : 2,830 mg/kg body weight</td>
</tr>
<tr>
<td>Dermal</td>
<td>Slightly Toxic</td>
<td>Dermal (LD50 Rabbit) : &gt; 2,020 mg/kg body weight</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Practically Non-toxic</td>
<td>Inhalation (LC50 Rat) : &gt; 2.7 mg/l air - 4 hours</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Minimally Irritating (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Slightly Irritating (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Not a Sensitizer (Guinea Pig)</td>
<td></td>
</tr>
</tbody>
</table>

**Reproductive/Developmental Effects**

- **Fludioxonil**: Delayed development at doses causing maternal toxicity.
- **Mefenoxam**: None observed.

**Chronic/Subchronic Toxicity Studies**

- **Fludioxonil**: Liver and kidney toxicity at high dose levels.
Mefenoxam: Liver effects at high dose levels.

Carcinogenicity

Fludioxonil: Marginal increase (7%) of liver tumors (female, rats: 3,000 ppm); Within historical control range (1 to 10%).

Mefenoxam: None observed.

Other Toxicity Information

None

Toxicity of Other Components

Ethylene Glycol (<= 6%)

Test results reported in Section 11 for the final product take into account any hazards related to the ethylene glycol in the formulation.

Target Organs

Active Ingredients

Fludioxonil: Liver, kidney
Mefenoxam: Liver

Inert Ingredients

Ethylene Glycol: Not Applicable

12. ECOLOGICAL INFORMATION

Summary of Effects

Fludioxonil:
Practically nontoxic to birds and bees, but highly toxic to aquatic invertebrates and fish.

Mefenoxam:
Practically non-toxic to aquatic organisms and wildlife.

Eco-Acute Toxicity

Mefenoxam: Bees LC50/EC50 > 25 ug/bee
Invertebrates (Water Flea) LC50/EC50 > 113 ppm
Fish (Trout) LC50/EC50 > 121 ppm
Birds (8-day dietary - Bobwhite Quail) LC50/EC50 5,620 ppm

Fludioxonil: Bees LC50/EC50 > 25 ug/bee
Invertebrates (Water Flea) LC50/EC50 0.90 ppm
Fish (Trout) LC50/EC50 0.47 ppm
Fish (Bluegill) LC50/EC50 0.74 ppm
Birds (8-day dietary - Bobwhite Quail) LC50/EC50 > 5,200 ppm
Birds (8-day dietary - Mallard Duck) LC50/EC50 > 5,200 ppm

Eco-Chronic Toxicity

Mefenoxam: Not Available

Fludioxonil: Fish (Fathead minnow) Early Life Stage MATC 0.028 mg/l
Invertebrate (Daphnia Magna) Life Cycle MATC 0.025 mg/l
Mallard Reproduction NOEC 700 ppm
Bobwhite Reproduction NOEC 125 ppm

Environmental Fate

Fludioxonil:
No data available for the formulation. The information presented here is for the active ingredient, fludioxonil.
Mefenoxam:
No data available for the formulation. The information presented here is for the active ingredient, mefenoxam.
Does not bioaccumulate. Not persistent in soil or water. Moderate mobility in soil. Mixes/sinks (after 24 h).

13. DISPOSAL CONSIDERATIONS

Disposal
Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.
Characteristics Waste: Not Applicable
Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification
Not regulated.
B/L Freight Classification
Fungicides, NOIBN, o/t poison
Comments
None.

15. REGULATORY INFORMATION

EPCRA SARA Title III Classification
Section 311/312 Hazard Classes: Acute Health Hazard
Section 313 Toxic Chemicals: Ethylene Glycol (<= 6%) (CAS No. 107-21-1)
California Proposition 65
Not Applicable
CERCLA/SARA 302 Reportable Quantity (RQ)
Report product spills > 9,400 gal. (based on ethylene glycol [RQ = 5,000 lbs.] content in the formulation)
RCRA Hazardous Waste Classification (40 CFR 261)
Not Applicable
TSCA Status
TSCA R & D Exempt

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings</th>
<th>HMIS Hazard Ratings</th>
<th>0</th>
<th>Minimal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>1</td>
<td>1</td>
<td>Slight</td>
</tr>
<tr>
<td>flammability:</td>
<td>1</td>
<td>2</td>
<td>Moderate</td>
</tr>
<tr>
<td>instability:</td>
<td>0</td>
<td>3</td>
<td>Serious</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
<td>4</td>
<td>Extreme</td>
</tr>
</tbody>
</table>

For non-emergency questions about this product call:
1-800-334-9481

Original Issue Date: 08/14/1998
Revision Date: 03/02/2004
Replaces: 04/07/2003

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.