1. PRODUCT IDENTIFICATION

Product Name: OMEGA 500F
EPA Signal Word: Warning

Active Ingredient(%): Fluazinam (40.0%)
Chemical Name: 3-chloro-N-[3-chloro-2,6-dinitro-4-trifluoromethyl)phenyl]-5-trifluoromethyl-2-pyridinamine
Chemical Class: Pyridinamine Fungicide

EPA Registration Number(s): 71512-1-100

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>Fluazinam (40.0%)</td>
<td>Not Est</td>
<td>Not Est</td>
<td>0.7 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: C, S

3. HAZARDS IDENTIFICATION

Symptoms of Acute Exposure
May cause eye and skin irritation. Allergic skin reactions are possible.

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

Physical Properties
Appearance: Yellow liquid
Odor: Pungent

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 advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so after calling 800-888-8372 or by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eye Contact: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call Syngenta (800-888-8372), a poison control center
5. FIRE FIGHTING MEASURES

**Fire and Explosion**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Test Method):</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flammable Limits (% in Air):</td>
<td>Lower: % Not Applicable</td>
</tr>
<tr>
<td></td>
<td>Upper: % Not Applicable</td>
</tr>
<tr>
<td>Autoignition Temperature:</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**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 in Protective Equipment Section. 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

**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.

**Eye Contact:**

Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Skin Contact:**

Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and
11. TOXICOLOGICAL INFORMATION

Acute Toxicity/Irritation Studies (Finished Product)

<table>
<thead>
<tr>
<th>Ingestion:</th>
<th>Practically Non-Toxic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral (LD50 Rat) :</td>
<td>&gt; 5,000 mg/kg body weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dermal:</th>
<th>Slightly Toxic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal (LD50 Rabbit) :</td>
<td>&gt; 2,000 mg/kg body weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalation:</th>
<th>Practically Non-Toxic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation (LC50 Rat) :</td>
<td>&gt; 23 mg/l air - 4 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eye Contact:</th>
<th>Moderately Irritating (Rabbit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Contact:</td>
<td>Moderately Irritating (Rabbit)</td>
</tr>
<tr>
<td>Skin Sensitization:</td>
<td>Demonstrated potential to produce dermal sensitization.</td>
</tr>
</tbody>
</table>

Reproductive/Developmental Effects

Fluazinam: Not available.

Chronic/Subchronic Toxicity Studies

Fluazinam: Not available.

Carcinogenicity

Fluazinam: Not available.

Other Toxicity Information

None

Toxicity of Other Components

Not Applicable
12. ECOLOGICAL INFORMATION

Summary of Effects
Fluazinam: Very toxic to aquatic organisms.

Eco-Acute Toxicity
Fluazinam: Rainbow Trout 96-hour LC50 0.11 mg/l
Daphnia Magna 48-hour 0.19 mg/l

Eco-Chronic Toxicity
Fluazinam: Not Available

Environmental Fate
Fluazinam: The information presented here is for the active ingredient, fluazinam.
Environmental Fate and Distribution: Solid with low volatility. The substance is essentially insoluble in water. The substance has low mobility in soil.
Persistence and Degradation: There is evidence of degradation in soil and water.

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.

Characteristic Waste: Under certain circumstances, discarded product may exhibit TCLP hazardous characteristics. A hazardous waste determination should be done on a case by case basis.

Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification
Ground Transport - NAFTA
Not regulated.

B/L Freight Classification
Fungicides, NOIBN, O/T Poison

Comments
Water Transport - International
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Fluazinam), Marine Pollutant
Hazard Class or Division: Class 9
Identification Number: UN 3082
Packing Group: PG III

15. REGULATORY INFORMATION

EPCRA SARA Title III Classification
Section 311/312 Hazard Classes: Acute Health Hazard
Chronic Health Hazard

Section 313 Toxic Chemicals: Not Applicable

Product Name: OMEGA 500F
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings</th>
<th>HMIS Hazard Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>2</td>
</tr>
<tr>
<td>Flammability:</td>
<td>1</td>
</tr>
<tr>
<td>Instability:</td>
<td>0</td>
</tr>
<tr>
<td>Health:</td>
<td>2</td>
</tr>
<tr>
<td>Flammability:</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
</tr>
</tbody>
</table>

For non-emergency questions about this product call:

1-800-334-9481

Original Issued Date: 05/11/2001
Revision Date: 12/15/2004
Replaces: 05/13/2004

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.

RSVP# : SCP-955-00292D
End of MSDS