

MATERIAL SAFETY DATA SHEET

D-FOAM INSECTICIDE



MSDS Ref. No.: FMC343290CB
Date Approved: 12/01/2010
Revision No.: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: D-FOAM Insecticide

MANUFACTURER

FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103
(215) 299-6000 (General Information)
msdsinfo@fmc.com (Email – General Information)

EMERGENCY TELEPHONE NUMBERS

(800) 331-3148 (Medical – U.S.A. & Canada)
(651) 632-6793 (Medical – Collect – All Other Countries)

For leak, fire, spill, or accident emergencies, call:
(800) 424-9300 (CHEMTREC – U.S.A. & Canada)
(703) 527-3887 (CHEMTREC – Collect – All Other Countries)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen)

| Component | CAS# | OSHA PEL | ACGIH TLV | Other Limits | % by wt. |
|--|------------|----------|-----------|----------------|----------|
| Deltamethrin (S)-alpha-cyano-3-phenoxybenzyl-(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylic acid* | 52918-63-5 | N.E. | N.E. | STEL 100 ug/m3 | 0.06 |
| Non-hazardous components | N/A | N/A | N/A | N/A | 85-100 |

* This item is NOT a carcinogen, but has been listed to aid in the identification of all pesticide active ingredients in the product. Actual percentages for these active ingredients have been listed vs. percent ranges.

3. HAZARDS IDENTIFICATION

Contents under pressure, do not expose to fire or extreme heat.

Do not contaminate food or feed. Do not apply directly to food. Do not apply to classrooms when in use. Do not apply this product in occupied patient rooms or in any rooms while occupied by the elderly or infirm.

Potential Health Effects:

Routes of Entry: Inhalation: Yes Ingestion: Yes Skin: Yes

Health Hazards: Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Signs/symptoms of overexposure: Dizziness, headaches, drowsiness, incoordination, eye irritation, dermatitis, skin disorders, nausea, throat irritation, loss of consciousness, and other nervous system disorders. Prolonged skin contact may cause mild to moderate local redness and swelling.

Medical conditions aggravated by exposure: Skin contact may aggravate an existing dermatitis. Persons with a pre-existing disease of the central nervous, cardiovascular, or respiratory system may have increased susceptibility to the toxicity of excessive exposures. Persons with history of asthma, emphysema, and other respiratory tract disorders may experience symptoms at low exposures.

NFPA Hazard Ratings Fire: 1 Health: 1 Reactivity: 1

NFPA 704 Ratings are subject to interpretation and are only intended for general identification of the level of the specific hazard. All information must be considered for proper safe handling of the material.

4. FIRST AID MEASURES

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. 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. IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to an unconscious person. Do not give anything by mouth to an unconscious person. NOTE TO PHYSICIAN: contains petroleum distillate vomiting may cause aspiration pneumonia.

5. FIRE FIGHTING MEASURES

Extinguishing Media: CO2, dry chemical, or foam

Fire Fighting Procedures: Self contained air supply suggested. Keep containers cool to avoid bursting.

Unusual Fire and Explosion Hazards: Exposure to temperatures above 130 deg.F may cause bursting.

6. ACCIDENTAL RELEASE MEASURES

Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent such as sand or vermiculite. Clean spill area of residues and absorbent.

7. HANDLING AND STORAGE

Store in a cool, dry area away from heat or open flame. Do not contaminate water, food, or feed by storage or disposal.

NFPA 30B Aerosol Classification: Level 1 Aerosol

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves: Not required - avoid contact with skin.

Eye Protection: Not required - avoid contact with eyes.

Respiratory Protection: Recommended in confined space.

Ventilation: *Local:* As required to keep airborne concentrations below acceptable limits.
Mechanical: Not required.

Other protective equipment: Safety glasses recommended to avoid possible contact with eyes.

Protective Work/Hygiene Practices: Follow label instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity (H₂O=1): 1.093 *Flashpoint:* Non Flammable per flame projection test. *LEL:* N/A
Vapor Pressure (mm Hg): N.E. *Boiling Point:* N.E. *Melting Point:* N/A *UEL:* N/A
Solubility: Insoluble *Appearance/Odor:* Clear colorless liquid

10. STABILITY AND REACTIVITY

Conditions to Avoid: Open flames and very hot surfaces may cause thermal decomposition.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition By-products: Ambient temperatures, unlikely; in a fire, toxic oxides of Nitrogen and Carbon.

Hazardous Polymerization Conditions: None known.

11. TOXICOLOGICAL INFORMATION

This product contains no chemicals that are listed on the NTP, IARC, or OSHA carcinogen lists. Any further information on the toxicology of the material can be obtained by contacting the manufacturer.

12. ECOLOGICAL INFORMATION

Please call the manufacturer for questions concerning the ecological effects of this product and its constituents.

13. DISPOSAL CONSIDERATIONS

Do not puncture or incinerate! IF EMPTY: Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local waste agency or 1-800-CLEANUP for disposal instructions.

14. TRANSPORT INFORMATION

| | <i>Status</i> | <i>Shipping Name</i> | <i>Class</i> | <i>ID Numbe</i> | <i>Pack Grp</i> |
|---|---------------|---------------------------------------|--------------|-----------------|-----------------|
| <i>DOT (USA):</i> | Regulated | Consumer Commodity (per 49CFR173.150) | ORM-D | N/A | N/A |
| <i>IATA (Air):</i> | Regulated | Consumer Commodity | 9 | ID8000 | N/A |
| <i>IMDG (Vessel):</i> | Regulated | Flammable liquid, n.o.s. | 3 | UN1993 | III |
| <i>National Motor Freight Classification and LTL Class:</i> N/A | | | | | |

15. REGULATORY INFORMATION

SARA Title III Section 312: When completing Tier II reports, the following information should be used.

Note: See state and local regulations for specifics on reporting requirements for your facility.

This product should be described as: PURE: N MIXTURE: Y SOLID: N LIQUID: Y GAS: Y

Physical Hazards: FIRE: Y PRESSURE: Y REACTIVITY: N *Health Hazards:* IMMEDIATE: Y DELAYED: Y

16. OTHER INFORMATION

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