

# MATERIAL SAFETY DATA SHEET

## RESIDUAL FOGGER



MSDS Ref. No.: FMC343552CB

Date Approved: 04/15/2010

Revision No.: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: RESIDUAL FOGGER

#### MANUFACTURER

FMC Corporation  
Agricultural Products Group  
1735 Market Street  
Philadelphia, PA 19103  
(215) 299-6000 (General Information)  
[msdsinfo@fmc.com](mailto: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	% bywt.
Esfenvalerate ((S)-cyano(3-phenoxyphenyl) methyl-(S)-4-chloro-alpha-(1-methyl ethyl)*)	66230-04-4	N.E.	N.E.	N.E.	<1
n-Butane	106-97-8	N.E.	800 ppm	800 ppm TWA	15-25
N-Octyl Bicycloheptene Dicarboximide*	113-48-4	N.E.	N.E.	N.E.	<1
Non-hazardous components	N/A	N/A	N/A	N/A	55-65
Piperonyl Butoxide*	51-03-6	N.E.	N.E.	N.E.	<1
Propane	74-98-6	1000 ppm	1000 ppm	1000 ppm TWA	15-25
Pyrethrins*	8003-34-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> OSHA TWA	<1

\* This item is NOT a carcinogen, but has been listed to aid in the identification of all pesticide active ingredients in the product.

### 3. HAZARDS IDENTIFICATION

Warning! Flammable!

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

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read label. Close doors and windows. Open cabinets and closets. Shut off fans and air conditioners. Put out all flames and pilot lights. Leave building after actuating can and leave undisturbed for at least two hours. Ventilate thirty minutes before reentering. Repeat spraying in 2 weeks or when necessary.

#### Potential Health Effects:

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

Health Hazards: Light exposures may cause light burning or transient tingling sensations on more sensitive areas of the skin, dermatitis.

Signs/symptoms of overexposure: Skin disorders, eye irritation, nasal and respiratory irritation, nausea, cramps, and vomiting.

Medical conditions aggravated by exposure: None known.

NFPA Hazard Ratings                      Fire: 4                      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 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 the person. Do not give anything by mouth to an unconscious person. 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: Remove 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/s open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. HOT LINE NUMBER: Have the product container or label with you when calling or going for treatment. For emergency information, call (985) 878-6751, Monday through Friday, 8:00 am to 4:30 pm CST. After 4:30 pm call poison control center. For product information call (203) 597-1812, Monday - Friday 8:00 am to 5:00 pm EST. NOTE TO PHYSICIAN: Contains petroleum distillate- vomiting may cause aspiration pneumonia hazard.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media: CO<sub>2</sub>, 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

If container is ruptured or begins to leak, place in a well-ventilated area free of sparks and ignition sources. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable Local, State and Federal procedures.

**7. HANDLING AND STORAGE**

Store in a cool, dry area away from heat or open flame. Do not contaminate food or feed by storage or disposal. Exposure to temperatures above 130 deg. F. may cause bursting. Shake well before use. Keep container upright. Use one 5oz container per 5,000 cubic feet. Use additional units for remote rooms or where free flow of mist is not assured. Place can on table or stand in the center of the room. Place several layers of newspaper under can to prevent marring of surface. Foods should be removed or covered during treatment. Cover all food processing surfaces. Remove pets, birds, and cover fish aquariums before spraying.

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: Not required - avoid breathing mist.

Ventilation: Local: Shut off fans and air conditioners during treatment. Close doors and windows.

Mechanical: Ventilate treated areas according to label before reoccupying.

Other protective equipment: Safety glasses recommended. Point valve away from face while locking the valve button for automatic discharge and placing can on newspaper.

Protective Work/Hygiene Practices: Follow label instructions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Specific Gravity (H2O=1):	1.0	Flashpoint:	Not Applicable.	LEL:	N/A
Vapor Pressure (mmHg):	3,620	Boiling Point:	N/A	UEL:	N/A
Solubility:	Soluble	Appearance/Odor:	Mist with mild odor.	Melting Point:	N/A

**10. STABILITY AND REACTIVITY**

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

Incompatible Materials: Strong alkalines and acids.

Hazardous Decomposition By-products: Carbon dioxide and carbon monoxide.

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 it's constituents.

**13. DISPOSAL CONSIDERATIONS**

Empty the can by using the product according to the label. DO NOT PUNCTURE OR INCINERATE! "Empty" cans may contain residue. Avoid exposure to heat, flame, sparks, and other sources of ignition. IF EMPTY: Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

**14. TRANSPORT INFORMATION**

	Status	Shipping Name	Class	ID Number	Pack Grp
DOT (USA):	Regulated	Consumer Commodity (per 49CFR 173.306)	ORM-D	N/A	N/A
IATA (Air):	Regulated	Consumer Commodity	9	ID8000	N/A
IMDG (Vessel):	Regulated	Aerosols	2	UN 1950	N/A
National Motor Freight Classification and LTL Class:		102120-Class 60			

**15. REGULATORY INFORMATION**

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F1 Substance

**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: N

**SARA Title III Section 313:** Toxic chemical components subject to the reporting requirements of EPCRA and 40CFR372

Chemical	CAS/Category	Percent
Piperonyl Butoxide	51-03-6	0.00

**16. OTHER INFORMATION**

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