

MATERIAL SAFETY DATA SHEET

IGR FOGGER



MSDS Ref. No.: FMC343570CB

Date Approved: 04/15/2010

Revision No.: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: IGR FOGGER

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.
Esfenvalerate ((S)-cyano(3-phenoxyphenyl)methyl-(S)-4-chloro-alpha-(1-methylethyl)*	66230-04-4	N.E.	N.E.	N.E.	0
ETOC ((RS)-2-methyl-4-oxo-3-(2-propenyl)cyclopent-2-enyl-(1RS)-cis-trans-chrysanthemate)*	23031-36-9	N.E.	N.E.	N.E.	0
n-Butane	106-97-8	N.E.	800 ppm	800 ppm TWA	15-25
Non-hazardous components	N/A	N/A	N/A	N/A	55-65
Nylar (2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine)	95737-68-1	N.E.	N.E.	N.E.	1
Propane	74-98-6	1000 ppm	1000 ppm	1000 ppm TWA	15-25

* 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

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: Call a physician or Poison Control Center immediately. IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists. IF ON SKIN OR CLOTHING: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists. IF INHALED: Remove victim to fresh air if effects occur, and call a physician.

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

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): 0.98 *Flashpoint:* Not Applicable *LEL:* N/A
Vapor Pressure (mmHg): 3,620 *Boiling Point:* N/A *Melting Point:* N/A *UEL:* N/A
Solubility: Soluble *Appearance/Odor:* Mist with faint odor

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
<i>National Motor Freight Classification and LTL Class:</i>		102120-Class 60			

15. REGULATORY INFORMATION

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F2 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

16. OTHER INFORMATION

© 2010 FMC Corporation. All Rights Reserved.

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, since the conditions and methods of use are beyond the control of FMC Corporation, FMC Corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.