

# MATERIAL SAFETY DATA SHEET

## STINGRAY WASP & HORNET JET SPRAY



MSDS Ref. No.: FMC343673CB  
 Date Approved: 04/15/2010  
 Revision No.: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** STINGRAY WASP & HORNET JET SPRAY

#### 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	% by wt.
Carbon dioxide	124-38-9	N.E.	5,000molar ppm	30000 ppm ACGIH STEL	<5
Non-hazardous components	N/A	N/A	N/A	N/A	85-100
Permethrin*	52645-53-1	N.E.	N.E.	N.E.	0
Piperonyl Butoxide*	51-03-6	N.E.	N.E.	N.E.	0
Tetramethrin (1-cy clohexene-1,2-dicarboximido- methyl 2,2-dimethyl-3-(2-methyl-propenyl) cy clopropanecarboxylate)*	7696-12-0	N.E.	N.E.	N.E.	0

\* 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

Danger! Combustible Liquid!

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

Remove pets, birds, and cover fish aquariums before spraying. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For Control of Bees, Hornets, Wasps, and Yellowjackets: It is preferable to apply this product in the evening after all the insects have returned to the nest. Aim valve opening at the nest and depress button, continuing to spray until the nest is soaked with the spray. Repeat as necessary.

#### Potential Health Effects:

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

Health Hazards: Prolonged or repeated exposures can cause irritation of the skin, possibly progressing into dermatitis.

Signs/symptoms of overexposure: Skin disorders, eye irritation, nasal and respiratory irritation, nervous system disorders, such as fatigue, dizziness, headaches.

Medical conditions aggravated by exposure: None known.

**NFPA Hazard Ratings**      **Fire:** 2      **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 8:00am to 5:00 pm EST. NOTE TO PHYSICIAN: Contains petroleum distillate- vomiting may cause aspiration pneumonia hazard.

### 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 spark and ignition sources. Any remaining liquid should be collected with absorbent media. Dispose of unusable concentrate and absorbent media in accordance with Local, State and Federal regulations.

**7. HANDLING AND STORAGE**

Do not use in commercial food processing, preparation, food storage or serving areas. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Exposed food should be covered or removed. This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. STORAGE: Store in a cool, dry place away from heat or open flames.

NFPA 30B Aerosol Classification: Level 3 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 (H<sub>2</sub>O=1): 0.78 Flashpoint: Non Flammable per flame projection test. LEL: N/A

Vapor Pressure (mmHg): 4913 Boiling Point: N.E. Melting Point: N/A UEL: N/A

Solubility: Insoluble Appearance/Odor: Large stream reaching 20 ft.

**10. STABILITY AND REACTIVITY**

Conditions to Avoid: Heat, sparks, open flames.

Incompatible Materials: Strong oxidizers and alkalis

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 its 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**

**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

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

Chemical	CAS/Category	Percent
Pemethrin	52645-53-1	0.00
Piperonyl Butoxide	51-03-6	0.00
Tetramethrin	7696-12-0	0.00

**16. OTHER INFORMATION**

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