



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**F-6 FLYING INSECT KILLER (AEROSOL)**  
 Product Number: 6919

Product Division:  
**Janitorial**

**Spartan Chemical Company, Inc.**  
 1110 Spartan Drive  
 Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**  
 Medical Emergency: **1-(866)-836-8855 (24 hours)**  
 Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: ORM-D, Consumer commodity, insecticides, aerosol, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1 - Slight <b>Fire:</b> 2 - Moderate <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> *1 - Slight; Chronic Hazard <b>Fire:</b> 2 - Moderate <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> See Section VIII

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Propane	10-15	74-98-6	1800 (OSHA)	Not Established	Not Established	No
n-Butane	10-15	106-97-8	1800 (ACGIH)	Not Established	Not Established	No
Petroleum distillate	5-10	64742-47-8	1200 (Exxon)	Not Established	Not Established	No
*Tetramethrin	< 1.0	7696-12-0	Not Established	Not Established	Not Established	No
*Phenothrin	< 1.0	26002-80-2	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: N/A	Vapor Pressure: Not Established
Vapor Density (AIR = 1): Not Established	Solubility in Water: Forms an emulsion
pH: 6.0-8.0	Specific Gravity (H <sub>2</sub> O=1): 0.8189
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: < 1.0
Physical State: Liquid	
Appearance & Odor: Milky liquid, mild solvent odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: Propellant: < 0°F	Method Used: ASTM-D3065
Flammable Limits: Not Established	Flame Extension: < 18 Inches NFPA 30 B Storage Level 1 Aerosol.
Extinguishing Media: Water fog, Carbon dioxide, Dry Chemical.	
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible rupture, venting or bursting of containers. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.	
Unusual Fire & Explosive Hazards: At elevated temperatures (130°F/ 54°C) containers may vent, rupture or burst.	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral.
Effects of Overexposure- Conditions to Avoid:	<b>Causes moderate eye irritation :</b> Symptoms may include pain, redness, swelling and tearing. <b>May cause skin irritation:</b> Symptoms may include pain, redness and swelling. Harmful if absorbed through the skin. <b>Harmful if swallowed:</b> Symptoms may include abdominal pain, nausea and diarrhea. <b>Harmful if Inhaled .</b> Inhalation of vapors may cause central nervous system effects including dizziness, weakness, fatigue, nausea, headache, loss of consciousness depending on vapor concentration and duration of exposure. Prolonged exposure to propellant vapors above the OSHA permissible exposure limits may result in kidney and liver damage. The intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. <b>Avoid contact with eyes, skin, or clothing. Do not swallow. Avoid breathing product vapors or mist. Wash thoroughly with soap and water after handling .</b>

Conditions Aggravated by Use: Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.

**Emergency & First Aid Procedures :**

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.
Skin:	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.
Ingestion:	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
Inhalation:	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.

Note to Physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Symptoms may be delayed.

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: None known
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide and oxides of nitrogen	Hazardous Polymerization: Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Remove ignition sources. Avoid breathing vapors or contact with liquid. Soak up with absorbent material and transfer to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Do not incinerate or puncture aerosol container. Dispose of in accordance with federal, state and local regulations.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other impervious gloves are recommended.
Eye Protection(Specify Type):	Safety glasses or splash goggles are recommended.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further reference.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Contents under pressure. Do not use this product in or on electrical equipment due to the possibility of electrical shock hazard. Do not puncture or incinerate. Do not store or use near fires, sparks, or flame. Store in an area inaccessible (preferably locked) to children. Do not store above 120°F.
Other Precautions:	Do not spray on or near exposed food. In the home; all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Do not use on humans; domestic animals or pets. Remove pets; birds and cover fish aquariums before use. Keep out of reach of children.

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**F-6 FLYING INSECT KILLER (AEROSOL)** Effective Date: 02/07/2008

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