

# MATERIAL SAFETY DATA SHEET

#31059

(C)

Complies with OSHA's 29 CFR  
1910.1200 and State Hazard  
Communication Standards.

ROCHESTER MIDLAND  
P.O. BOX 1515  
ROCHESTER, NY 14603-1515  
(716) 336-2200

pg. 1

Medical Emergency Telephone (716) 266-2283

## SECTION 1

**PRODUCT IDENTITY:** 127 FLYING INSECT KILLER, Contact & Residual Spray

**DATE PREPARED:** 1/25/93

**EPA REG. NO.** 11694-101-527

**NFPA/HMIS HAZARD CODES** (minimal = 0; slight = 1, moderate = 2; serious = 3; severe = 4)

Health: 1/1

Fire: 0/0

Reactivity: 0/0

Special: A (Personal Protection)

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Isobutane	75-28-5	800 ppm	800 ppm	
Propane	74-98-6	1000 ppm	Asphyxiant	

Also contains permethrin and d-Trans Allethrin as active ingredients at less than 0.5%

This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the States of California, Connecticut, Florida, Illinois, Louisiana, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island are described above if known present in regulated concentration.

## SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT:** 212°F (Concentrate)  
**PRESSURE:** 70 ± 5 psig @ 70°F  
**VAPOR DENSITY (air = 1):** Heavier  
**SOLUBILITY IN WATER:** Complete

**SPECIFIC GRAVITY:** 1.00 (Concentrate)  
**PERCENT VOLATILE:** No data  
**EVAPORATION RATE:** No data  
**pH:** 8 ± 0.5

**APPEARANCE AND ODOR:** Pale, milky white liquid with a cherry blossom scent in an aerosol can.

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

**USA FLAME PROJECTION TEST (ASTM D-3065):** 0" - Non flammable.

**FLAMMABLE LIMITS:** No Data.

**EXTINGUISHING MEDIA:** Not usually necessary as this product does not readily support combustion.

**SPECIAL FIREFIGHTING PROCEDURES:** Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Aerosol container (pressurized) may burst if heated over 130°F.

## SECTION 5: REACTIVITY DATA

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Extreme heat, direct sunlight and sources of ignition.

**INCOMPATIBILITY:** Strong oxidizing agents such as chlorine, permanganates, and dichromates.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, smoke, and soot.

31059

## SECTION 6: HEALTH HAZARD DATA

**ROUTES OF ENTRY:** Eyes, Inhalation, skin, ingestion.

**HEALTH HAZARDS:** ACUTE: Caution: May cause eye and skin irritation. Harmful if absorbed through skin. Harmful if swallowed.

**CHRONIC EFFECTS:** Prolonged and repeated inhalation of concentrated vapors may cause headache, nausea and central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

**CARCINOGENS:** None known under OSHA, IARC or NTP.

**SIGNS AND SYMPTOMS OF EXPOSURE:** Redness, burning and tearing of eyes. Redness, drying and cracking of skin. Breathing high concentrations may cause disorientation and lack of coordination.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin and respiratory tract disorders aggravated if this product is improperly used.

**EMERGENCY AND FIRST AID PROCEDURES:** Eyes: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See physician immediately. Skin: Immediately flush with plenty of water. Remove contaminated clothing. If irritation arises and persists consult a physician. Inhalation: Get to fresh air. If not breathing, qualified personnel should administer artificial respiration. Ingestion: Do not induce vomiting. Possible pulmonary damages if aspirated. Contact a physician or poison control center immediately.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

**SPILL OR LEAK PROCEDURES:** Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up absorbent material and put in suitable container for proper disposal. This pesticide is extremely toxic to fish and other aquatic organisms.

**WASTE DISPOSAL METHOD:** Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap, and wrap container in several layers of newspaper. Discard in trash. Do not contaminate water when disposing of wastes.

**HANDLING AND STORING:** Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F (54.5°C) may cause bursting. Avoid contact with eyes, skin and clothing. Direct spray away from face. Replace cap when not in use. Keep in locked storage area. Do not swallow. Wash thoroughly after handling. Avoid inhaling mist or vapors. Use with adequate ventilation.

**OTHER PRECAUTIONS:** Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not apply directly to water. Do not contaminate water when disposing of wastes. Do not use on surfaces that can be harmed or stained by water. Do not apply this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Store in a dry location away from heat and direct sunlight. Do not store this water-based product at temperatures below 32°F.

## SECTION 8: CONTROL MEASURES

**RESPIRATORY PROTECTION:** Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section 2), use an approved NIOSH/MSHA organic vapor respirator.

**VENTILATION:** Local exhaust not necessary. General mechanical ventilation as needed

**GLOVES:** Impervious gloves as needed to avoid skin contact.

**EYE PROTECTION:** Safety glasses or goggles (ANSI Z87).

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Only if direct contact is possible (i.e., apron, boots, etc.).

**WORK/HYGIENIC PRACTICES:** Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc. Wash contaminated clothing before reuse.

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.