

1. IDENTIFICATION

PRODUCT NAME: FLYING INSECT KILLER
RECOMMENDED USE: FLYING INSECT KILLER
RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.
LABEL BRAND: IND/COM
SDS 064151 CODE 064151

US CHEMICAL 316 HART STREET WATERTOWN, WI 53094 USA
MEDICAL EMERGENCY: 1-888-740-8712 USA
SPILL EMERGENCY: 1-800-424-9300 USA
PRODUCT INFORMATION: 1-800-558-9566 USA (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)
INTERNET ADDRESS: WWW.USCHEMICAL.COM

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION: FLAMMABLE AEROSOLS (CATEGORY 1),
EYE IRRITATION (CATEGORY 2B)



LABEL ELEMENTS

SIGNAL WORD: DANGER

PICTOGRAMS: FLAME

HAZARD STATEMENTS: EXTREMELY FLAMMABLE AEROSOL. CAUSES EYE IRRITATION.

PRECAUTIONARY STATEMENTS: Wear chemical-resistant protective gloves. Avoid contact with eyes, skin, and clothing. Wash hands and affected areas thoroughly after handling. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

FIRST AID: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical attention. **IF ON SKIN:** Wash with plenty of water. If skin irritation occurs and persists, get medical attention. **IF SWALLOWED:** Rinse mouth. In the unlikely event of swallowing, contact a physician or poison control center. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

EMERGENCY TELEPHONE: 1-888-740-8712

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F). Store in a well-ventilated place.

Disposal: Dispose of contents in accordance with all federal, state and local applicable laws and regulations.

KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

HAZARDS NOT OTHERWISE CLASSIFIED: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	2.5-10.0
PIPERONYL BUTOXIDE	51-03-6	2.5
PYRETHRINS	8003-34-7	0.25
LIQUEFIED PETROLEUM GAS	68476-86-8	20.0-30.0
EXACT PERCENTAGES ARE BEING WITHHELD AS TRADE SECRET INFORMATION.		
STATE RIGHT TO KNOW: SEE SECTION 15 FOR STATE RTK CHEMICAL NAMES IN MIXTURE.		

4. FIRST-AID MEASURES

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS, GET MEDICAL ATTENTION.

IF ON SKIN: WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.

IF SWALLOWED: RINSE MOUTH. IN THE UNLIKELY EVENT OF SWALLOWING, CONTACT A PHYSICIAN OR POISON CONTROL CENTER.

IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

EMERGENCY TELEPHONE: 1-888-740-8712

MOST IMPORTANT SYMPTOMS / EFFECTS: CAUSES EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN. PROLONGED INHALATION OF CONCENTRATED VAPORS MAY BE HARMFUL.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

NOTE TO PHYSICIAN: CALL 1-888-740-8712 FOR EXPOSURE MANAGEMENT ASSISTANCE.

5. FIRE-FIGHTING MEASURES

CHEMICAL HAZARDS: EXTREMELY FLAMMABLE AEROSOL. CAUSES EYE IRRITATION. PRESSURIZED CONTAINER MAY EXPLODE WHEN EXPOSED TO HEAT OR FLAME.

COMBUSTION PRODUCT HAZARDS: OXIDES OF CARBON AND OTHER FUMES.

METHODS: SELECT EXTINGUISHER AND METHODS BASED ON FIRE SIZE AND TYPE. COOL CONTAINERS EXPOSED TO HEAT WITH WATER SPRAY AND REMOVE CONTAINER IF NO RISK IS INVOLVED.

EQUIPMENT: WEAR SCBA AND FULL PROTECTIVE GEAR AS CONDITIONS WARRANT.

NFPA RATING: HEALTH-2/FLAMMABILITY-2/ INSTABILITY-0/SPECIAL HAZARD-N.AP.

SUITABLE EXTINGUISHERS: WATER FOG OR MIST SUITABLE FOR FIRE.

UNSUITABLE EXTINGUISHERS: DO NOT USE WATER JET AS THIS WILL SPREAD FIRE.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION INCLUDING RUBBER BOOTS. SEE SECTION 8. VENTILATE AREA IF NEEDED. BE CAREFUL NOT TO SLIP. WASH THOROUGHLY AFTER CLEAN-UP.

ENVIRONMENTAL PRECAUTIONS: PREVENT SPILL FROM ENTERING DRAIN, STORM SEWER OR SURFACE WATERWAY. PREVENT WATER AND SOIL CONTAMINATION.

CLEAN-UP METHODS: REMOVE ALL IGNITION SOURCES. IF CONTAINERS BEGIN TO LEAK THROUGH PUNCTURE OR DEFECTIVE PACKAGING, ALLOW IT TO DISCHARGE COMPLETELY IN A WELL VENTILATED AREA. SMALL SPILLS MAY BE WIPED UP AND RINSED WITH WATER. FOR LARGER SPILLS, DIKE TO CONTAIN. PUMP TO LABELED CONTAINER OR ABSORB SPILLAGE AND SCOOP UP WITH INERT ABSORBENT MATERIAL. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

7. HANDLING AND STORAGE

HANDLING: PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID INHALATION, INGESTION, AND CONTACT WITH EYES, SKIN AND CLOTHING. INTENTIONAL MISUSE BY CONCENTRATING AND INHALING THE PRODUCT CAN BE HARMFUL OR FATAL. USE IN A WELL-VENTILATED PLACE. AVOID SPRAYING TOWARDS FACE. AVOID OVERSPRAY DURING USE. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE: PRESSURIZED CONTAINER. PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50°C (122°F). STORE IN A WELL-VENTILATED PLACE. DO NOT PUNCTURE, INCINERATE OR CRUSH. KEEP AWAY FROM INCOMPATIBLE MATERIALS. KEEP FROM FREEZING. STORE AS LEVEL 1 AEROSOL (NFPA 30B).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT = NONE
PIPERONYL BUTOXIDE = NONE

PYRETHRINS = 5 MG/M3 TWA (ACGIH/OSHA)

LIQUEFIED PETROLEUM GAS = 1000 PPM TWA (ACGIH/OSHA)

ENGINEERING CONTROLS: NONE REQUIRED. GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE. ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS.

PERSONAL PROTECTION

EYES / FEET / BODY: NONE REQUIRED WITH NORMAL USE.

HANDS: CHEMICAL-RESISTANT PROTECTIVE GLOVES (RUBBER OR NEOPRENE).

RESPIRATORY: SUITABLE RESPIRATOR IF MISTS/VAPORS ARE NOT CONTROLLED BY VENTILATION.

NOTE: THE EPA LABEL COMMENTS ON WEARING PPE: MIXERS, LOADERS, APPLICATORS AND OTHER HANDLERS MUST WEAR THE FOLLOWING: LONG SLEEVE SHIRT, LONG PANTS, SHOES AND SOCKS. CHEMICAL-RESISTANT GLOVES MADE OF ANY WATERPROOF MATERIAL.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: MILKY WHITE LIQUID

ODOR: AROMATIC

pH CONCENTRATE: 6.0

pH @ 2500 PPM SOLUTION: N.AV.

pH @ USE DILUTION: N.AV.

PHYSICAL STATE: LIQUID+GAS (AEROSOL)

RELATIVE DENSITY (WATER): BELOW 1.0

SOLUBILITY (WATER): COMPLETE

VAPOR PRESSURE: 83 to 93 PSIG @70°F

VAPOR DENSITY: N. AV.

VISCOSITY: NON-VISCOUS

AUTO-IGNITION TEMPERATURE: N.AV.

DECOMPOSITION TEMPERATURE: N.AV.

EXPLOSIVE LIMITS (LEL/UEL): NONE

EVAPORATION RATE: N.AV.

FLAMMABILITY (SOLID, GAS): N.AP.

FLASH POINT: -156°F(-104.4°C) LPG ESTIMATED

INITIAL BOILING POINT/RANGE: N.AV.

MELTING POINT/FREEZING POINT: N.AV.

ODOR THRESHOLD: N.AV.

PARTITION COEFF. (N-OCTANOL/WATER): N.AV.

OTHER: *LIQUID AND GAS IN AEROSOL CAN

AEROSOL SPRAY ENCLOSED SPACE DEFLAGRATION DENSITY: NOT AVAILABLE

AEROSOL SPRAY IGNITION DISTANCE: NOT AVAILABLE

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE.

REACTIVITY: NO HAZARD.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE KNOWN. WILL NOT POLYMERIZE.

CONDITIONS TO AVOID: DO NOT STORE ABOVE 49°C OR 120°F. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES OR SPARKS. AVOID SPRAYING ON HOT SURFACES. FIRE, INTENSE HEAT OR DROPPING MAY CAUSE VIOLENT RUPTURE OF AEROSOL CAN.

MATERIALS TO AVOID: AVOID CONTACT WITH OTHER CLEANING PRODUCTS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE UNDER NORMAL CONDITIONS.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION.

INFORMATION ON ROUTES OF EXPOSURE: NO LC50/LD50 TEST DATA ON MIXTURE.

ACUTE EFFECTS /SYMPTOMS

EYES: CAUSES EYE IRRITATION. MAY CAUSE DISCOMFORT, REDNESS AND WATERING.

SKIN: HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE DRY SKIN.

INGESTION: MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

INHALATION: PROLONGED INHALATION OF CONCENTRATED VAPORS MAY BE HARMFUL.

CHRONIC / OTHER EFFECTS: NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.

SPECIFIC TARGET ORGANS (SINGLE/REPEATED): NONE KNOWN.

NUMERICAL MEASURES OF TOXICITY: ATEmix (ORAL-RAT) = ABOVE 2000 MG / KG

CARCINOGENS: NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

12. ECOLOGICAL INFORMATION

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ECOTOXICITY / CHEMICAL FATE: NOT AVAILABLE.**13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: IGNITABLE WASTE (RCRA CLASS D001). DISPOSE OF CONTENTS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL APPLICABLE LAWS AND REGULATIONS. WHEN CONTENTS ARE DEPLETED CONTINUE TO DEPRESS BUTTON UNTIL ALL GAS IS EXPELLED. AEROSOL CYLINDER IS NOT REFILLABLE.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage and disposal. **Pesticide Storage:** Store in a cool dry area. Always store pesticides in the original container. Store away from food and pet food. **Pesticide Disposal and Container Handling:** Do Not Puncture or Incinerate! Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

14. TRANSPORT INFORMATION**DOT / IMDG / TDG:** UN1950, AEROSOLS, 2.1, LTD. QTY.**15. REGULATORY INFORMATION****EPA CERCLA RQ:** NO

EPA REGISTERED: YES (1021-1732-7546) This chemical is a pesticide product registered by the environmental protection agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: **CAUTION.** Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. **PHYSICAL OR CHEMICAL HAZARDS:** Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to possibility of shock hazard.

OSHA HAZARDOUS: YES**PHOSPHORUS CONTENT:** 0.00%**PROPOSITION 65:** NO**SARA 311/312 HAZARDS:** ACUTE, FIRE, PRESSURE**SARA 313 CHEMICALS:** PIPERONYL BUTOXIDE**STATE RIGHT TO KNOW:** EPA EXEMPT**TSCA INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY.**VOC:** 19.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.**16. OTHER INFORMATION****PREPARATION DATE:** 2-2-15 **PREPARED BY:** RC**REVISED SECTION:** 16**ABBREVIATIONS:** N.AV. = NOT AVAILABLE

N.AP. = NOT APPLICABLE

NOTICE TO READER

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