

## 1. IDENTIFICATION

**PRODUCT NAME: FLYING INSECT KILLER II**

**RECOMMENDED USE:** FLYING INSECT KILLER

**RESTRICTIONS ON USE:** DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.

**LABEL BRAND:** IND/COM

**SDS 101102932US CODE 101102932**

**U S CHEMICAL CORPORATION** 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 2),  
 SKIN SENSITIZATION (CATEGORY 1)



### LABEL ELEMENTS

**SIGNAL WORD:** WARNING

**PICTOGRAMS:** FLAME, EXCLAMATION MARK

**HAZARD STATEMENTS:** FLAMMABLE AEROSOL.

**MAY CAUSE AN ALLERGIC SKIN REACTION.**

**PRECAUTIONARY STATEMENTS:** Wear chemical-resistant protective gloves and protective clothing. Avoid contact with eyes, skin, and clothing. Avoid breathing mist, vapors or spray. Wash hands and affected areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. 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 ON SKIN:** Take off contaminated clothing. Wash with plenty of water. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse.

**EMERGENCY TELEPHONE:** 1-888-740-8712

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F).

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

**KEEP OUT OF REACH OF CHILDREN.**

**HAZARDS NOT OTHERWISE CLASSIFIED:** Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
BUTANE	106-97-8	10.0-20.0
PROPANE	74-98-6	2.5-10.0
ALIPHATIC HYDROCARBONS	64742-47-8	5.0-10.0
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.957
PIPERONYL BUTOXIDE	51-03-6	0.600
PRALLETHRIN	23031-36-9	0.200
<b>EXACT PERCENTAGES ARE BEING WITHHELD AS TRADE SECRET INFORMATION.</b>		
<b>STATE RIGHT TO KNOW:</b> EPA EXEMPT MIXTURE.		
<b>INGREDIENT DISCLOSURE:</b> FOR MORE INGREDIENT INFORMATION VISIT <a href="http://www.uschemical.com">www.uschemical.com</a> .		

#### 4. FIRST-AID MEASURES

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

**IF ON SKIN:** TAKE OFF CONTAMINATED CLOTHING. WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OR RASH OCCURS, GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE.

**IF SWALLOWED:** RINSE MOUTH. DO NOT INDUCE VOMITING.

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

**EMERGENCY TELEPHONE: 1-888-740-8712**

**MOST IMPORTANT SYMPTOMS / EFFECTS:** MAY CAUSE AN ALLERGIC SKIN REACTION.

**MEDICAL CONDITIONS AGGRAVATED:** ECZEMA AND OTHER ALLERGIC SKIN REACTIONS.

**NOTE TO PHYSICIAN:** CALL 1-888-740-8712 FOR EXPOSURE MANAGEMENT ASSISTANCE. FOR SKIN EFFECTS, A HIGHLY THERAPEUTIC AGENT FOR PYRETHRIN / PYRETHROID EXPOSURE IS TOPICAL APPLICATION OF TOCOPHEROL ACETATE (VITAMIN E).

#### 5. FIRE-FIGHTING MEASURES

**CHEMICAL HAZARDS:** FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY EXPLODE WHEN EXPOSED TO HEAT OR FLAME. MAY CAUSE AN ALLERGIC SKIN REACTION.

**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-3/ INSTABILITY-1/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:** REMOVE ALL SOURCES OF IGNITION. EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION. 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. 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). KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**EXPOSURE LIMITS:** BUTANE = 1000 PPM STEL (ACGIH TLV), 800 PPM TWA (NIOSH REL)  
 PROPANE = OXYGEN DEPLETION[ASPHYXIAN] (ACGIH TLV), 1000 PPM TWA (OSHA PEL)  
 ALIPHATIC HYDROCARBONS = 1200 MG/M3 (OSHA),  
 N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE = NONE, PIPERONYL BUTOXIDE = NONE, PRALLETHRIN = NONE  
**ENGINEERING CONTROLS:** ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS.

**PERSONAL PROTECTION:**

**EYES:** PROTECTIVE EQUIPMENT NOT REQUIRED UNDER NORMAL USE CONDITIONS.

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

**RESPIRATORY:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

NIOSH/MSHA CERTIFIED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.

**FEET/BODY:** PROTECTIVE CLOTHING.

**HYGIENE MEASURES:** HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** MILKY WHITE LIQUID

**ODOR:** AROMATIC

**pH CONCENTRATE:** N.AP.

**pH READY-TO-USE:** 5.65

**pH @ USE DILUTION:** N.AP.

**PHYSICAL STATE:** LIQUID+GAS (AEROSOL)

**RELATIVE DENSITY (WATER):** BELOW 1.0

**SOLUBILITY (WATER):** N.AV.

**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):** NOT DETERMINED

**EVAPORATION RATE:** N.AV.

**FLAMMABILITY (SOLID, GAS):** N.AP.

**FLASH POINT:** -156°F (-104.4°C) PROPELLANT\*\*

**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.

**FLASH POINT:** \*\*ESTIMATED. CAN NOT TEST LIQUID AND FLAMMABLE GAS IN AEROSOL CAN.

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** NO HAZARD.

**CHEMICAL STABILITY:** STABLE.

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

**CONDITIONS TO AVOID:** DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50°C (122°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. KEEP FROM FREEZING.

**MATERIALS TO AVOID:** STRONG OXIDIZING AGENTS, ACIDS, BASES AND OTHER CLEANERS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE UNDER NORMAL CONDITIONS.

## 11. TOXICOLOGICAL INFORMATION

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

**INFORMATION ON ROUTES OF EXPOSURE:** LC50/LD50 DATA NOT AVAILABLE ON MIXTURE.

**ACUTE EFFECTS /SYMPTOMS**

**EYES:** MAY BE MILDLY IRRITATING TO EYES.

**SKIN CONTACT:** UNLIKELY TO BE AN IRRITANT IN NORMAL USE.

**INGESTION:** NOT CLASSIFIED FOR ACUTE ORAL TOXICITY.

**INHALATION:** NOT CLASSIFIED FOR ACUTE INHALATION TOXICITY.

INTENTIONAL MISUSE BY CONCENTRATING AND INHALING PRODUCT MAY BE HARMFUL.

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

**SKIN SENSITIZER:** MAY CAUSE AN ALLERGIC SKIN REACTION.

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

**NUMERICAL MEASURES OF TOXICITY:** INHALATION LC50 (RAT; 4 HOURS) = ABOVE 5.2 MG / KG,  
 ORAL LD50 (RAT) = ABOVE 2000 MG / KG, DERMAL LD50 (RABBIT) = ABOVE 2000 MG / KG

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

**12. ECOLOGICAL INFORMATION**

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**ENVIRONMENTAL HAZARDS:** This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater rinsate. See directions for use for additional precautions and requirements. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**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. See Section 8 for Exposure Controls/Personal Protection to minimize exposure.

**Pesticide label disposal information: 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:** UN1950, AEROSOLS, 2.1, LTD. QTY.

**15. REGULATORY INFORMATION**

**EPA CERCLA RQ:** NO

**EPA REGISTERED:** YES (1021-1710-7546) 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 swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Contents under pressure.

**OSHA HAZARDOUS:** YES. SEE SECTION 8 TO MINIMIZE EXPOSURE.

**PHOSPHORUS CONTENT:** 0.00%

**PROPOSITION 65:** NO

**SARA 311/312 HAZARD CATEGORIES:** SEE SECTION 2 FOR GHS HAZARD CLASSES.

**SARA 313 CHEMICALS:** PIPERONYL BUTOXIDE

**STATE RIGHT TO KNOW:** EPA EXEMPT

**TSCA INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY OR EPA EXEMPT.

**USE DILUTION:** READY-TO-USE.

**VOC:** 19.60% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

**16. OTHER INFORMATION**

<b>PREPARATION DATE:</b> 2-16-24	<b>PREPARED BY:</b> RC	<b>REVISED SECTION:</b> 16
<b>ABBREVIATIONS:</b> N.A.V. = NOT AVAILABLE		N.AP. = NOT APPLICABLE

**NOTICE TO READER**

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