FLYING INSECT KILLER 80-782

HMIS RATING	
Health	1
Flammability	4
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	4
Reactivity	0
NFPA 30B LEVEL	
2	

KIMBALL-MIDWEST
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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-782
PRODUCT NAME.....Flying Insect Killer, Down & Out II, EPA #706-83
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Isobutane (75-28-5)	800ppm	800ppm	-	10-30
Propane (74-98-6)	1000ppm	1000ppm	-	5-10
Piperonyl butoxide (51-03-6)	-	-	-	1-5

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.(+=Non-Hazardous Component)

3. PHYSICAL DATA

BOILING POINT (RANGE).....N/A
VAPOR PRESSURE PSIG @ 130°F.....96
VAPOR DENSITY (AIR = 1).....ND
SOLUBILITY IN WATER.....Moderate
SPECIFIC GRAVITY (H2O = 1).....7900
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE (Butyl Acetate=1).....<1
VOC content (by weight).....203.58g/L, 24.94%
APPEARANCE AND ODOR.....Aerosol spray w/ fragrant odor

4. FIRE AND EXPLOSION DATA

FLASH POINT.....<0F(Propellant); >120F(Concentrate)
UPPER EXPLOSIVE LIMIT (%).....9.5
LOWER EXPLOSIVE LIMIT (%).....1.9
EXTINGUISHING MEDIA.....Not usually necessary as this product does not readily support combustion. Use extinguishing agent appropriate for fire's fuel source.
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.
FIRE AND EXPLOSION HAZARDS.....Aerosol containers may burst if heated over 120F.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Eyes, Inhalation, Ingestion
HEALTH HAZARDS (ACUTE AND CHRONIC).....Harmful if swallowed or absorbed through skin. Harmful if inhaled. May cause eye and skin irritation. Contents under pressure. Follow good chemical hygiene practices to avoid these hazards.

SIGNS & SYMPTOMS OF EXPOSURE.....Redness, drying or cracking skin. Redness and irritation of eyes. Irritation of nose and throat are possible.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....Pre-existing skin and lung disorders.

5. HEALTH EFFECTS DATA (CONT'D)

FIRST AID PROCEDURES

EYES.....Flush with water for at least 15 minutes; obtain medical attention
SKIN CONTACT.....Wash with soap, large volumes of water; remove contaminated clothing
INGESTION.....Do not induce vomiting unless directed by medical personnel; obtain medical attention
INHALATION.....Remove to fresh air; seek immediate medical attention; if breathing stops, begin artificial respiration; administer oxygen; obtain medical attention

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....Presently not on any lists

6. REACTIVITY

STABILITY.....Stable
INCOMPATIBILITIES.....Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS.....Carbon dioxide, carbon monoxide, smoke, soot, and various organic oxidation by-products.
HAZARDOUS POLYMERIZATION.....Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS.....None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Safety glasses; NIOSH approved respirator; ventilation sufficient to maintain vapor concentrations below TLV
WASH REQUIREMENTS.....Wash with soap and water before eating, smoking, or using restroom
SPILL OR LEAK PROCEDURES.....Use absorbent sweeping compound to soak up material; eliminate all ignition sources; wear protective clothing; place used absorbent into container
WASTE DISPOSAL METHODS.....Do not puncture or incinerate containers. Dispose of remaining material in accordance with local, state, and federal guidelines
HANDLING & STORAGE.....Avoid breathing vapor. Store at temperatures below 120 °F; keep away from heat, sparks, or open flame
OTHER PRECAUTIONS.....When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

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