

# MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS  
IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200)

A = Safety Glasses  
B = A + Gloves  
C = B + Apron  
D = C + Face Shield  
E = B + Dust Mask

F = C + Dust Mask  
G = B + Respirator  
H = F + Goggles  
I = B + Respirator  
X = Ask Supervisor

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

Health.... 2  
Flammability.... 1  
Physical Hazard.... 1  
Protection.... A

## SECTION I - PRODUCT IDENTIFICATION

**Product Code: AIFS** Supersedes date: July 9, 2004 Section(s) changed: I, II Effective date: July 13, 2009

PRODUCT NAME: DUEL Flying & Crawling Insect Killer CHEMICAL FAMILY: Insecticide Aerosol  
GENERIC NAME: Indoor/Outdoor Insecticide FORMULA: Proprietary Mixture  
DISTRIBUTORS NAME: DISTRIBUTORS ADDRESS:  
INFORMATION PHONE NUMBER:  
EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300  
PROPER SHIPPING DESCRIPTION: Consumer Commodity, ORM-D LABEL: None

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	RQ
Resmethrin	10453-86-8	<0.50	NE	NE	
Propane-Isobutane	68476-86-8		1000ppm	1000ppm	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

## SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): N/A Specific Gravity: 0.99  
Vapor Pressure (mm Hg): 780 Vapor Density (Air=1): 1  
Evaporation Rate: (AIR=1): >1  
Evaporation Rate: (ETHER=1): <1  
Solubility in Water: 100%  
Physical Description: Clear Aerosol Spray - Cherry Odor

## SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLAME PROJECTION: N/A  
FLASH POINT: N/A LIMITS: LEL: N/A UEL: N/A  
EXTINGUISHING MEDIA: CO<sub>2</sub>, Water Spray, Foam, Dry Chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.  
UNUSUAL FIRE & EXPLOSION HAZARD: Exposure to temperatures over 130°F may cause bursting or venting. Heat or fire may cause hazardous fumes: Carbon Monoxide.

## SECTION V - REACTIVITY DATA

Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Incompatibility (Materials to Avoid): Strong oxidizers, alkalis, acids.  
Conditions to Avoid: Sources of heat. Dropping container may cause bursting.  
Hazardous Decomposition Products: None known.

## SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. CAUTION.  
CONTENTS UNDER PRESSURE.  
Do not store where temperatures exceed 120°F.  
Do not get in eyes, on skin or on clothing.

## SECTION VII - HEALTH HAZARDS AND FIRST AID.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA REGULATED?
NE	NE	NE	NO

EFFECTS OF OVEREXPOSURE:  
SKIN: May cause itching, dryness, redness, or irritation.  
EYES: May cause irritation, redness, or watering.  
INHALATION: Large amounts of vapor may cause nausea or dizziness.  
INGESTION: Nausea, headache, vomiting.

EMERGENCY FIRST AID PROCEDURES:  
SKIN: Wash with soap & water. See physician if irritation persists.  
EYES: Flush with flowing water for 15 minutes. Get prompt medical attention.  
INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get prompt medical attention.  
INGESTION: DO NOT induce vomiting. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required if good ventilation is maintained.  
VENTILATION RECOMMENDED: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.  
PROTECTIVE GLOVES: N/A.  
EYE PROTECTION: Safety glasses are recommended.  
OTHER PROTECTIVE EQUIPMENT: N/A.

## SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition and ventilate area. Dike area if possible for material recovery.  
Small quantities may be absorbed with absorbent materials.  
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations as well as EPA standards.

## SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.  
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: This does not contain chemicals subject to reporting under CERCLA  
CLEAN AIR ACT NOTIFICATION: ISOBUTANE, PROPANE [REPORTABLE UNDER SECTION 112(r) OF TITLE III OF THE CLEAN AIR ACT AMMENDMENT OF 1990  
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established NA - Not Applicable GT - Greater Than

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