

# MATERIAL SAFETY DATA SHEET

Issue Date  
**3/31/2005**

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<b>Product/Material</b>	<b>AUTO FOG-30</b>
<b>Manufacturer</b>	<b>Entech Systems Corp.</b>
<b>Address</b>	607 Maria Street Kenner, LA 70062
<b>Phone</b>	504-469-6541 Entech
<b>Emergency Phone</b>	<b>800-424-9300 Chemtrec (for transportation spills)</b>

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at **1-800-858-7378**.

I. Composition/Information on Ingredients

Trade Name	<b>AUTO FOG-30</b>
Synonyms	5-(phenylmethyl)-3-(furanyl methyl, 2,2- dimethyl-3-(2- methyl-1-propenyl)cyclopropanecarboxylate  <b>Resmethrin, SBP-1382</b>
Chemical Formula	Mixture
Chemical Family	Pyrethroid Insecticide
Active Ingredient	Resmethrin (3.0%)
EPA Signal Word	"Caution"
EPA Registration	#40391-12

Cas #	Active Ingredient	Conc.%	Exposure Limit TWA	Carcinogen	OSHA PEL	ACGIH TLV
64742-47-8	Refined Petroleum Solvent	<b>97.0</b>	350 mg/m <sup>3</sup> (NOISH)	NO	N/A	N/A
10453-86-8	Resmethrin  (SBP-1382)	<b>3.0</b>	N/A	NO	N/A	N/A

II. Health/Safety Alert                      CAUTION                      May cause irritation to eyes, nose and throat, and/or skin.

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**III. First Aid Procedures**

If in Eye	Flush eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. If irritation is present after washing, get medical attention. Contact lenses should not be worn when working with this chemical.
If on Skin	Remove contaminated clothing and wash affected areas of skin thoroughly with mild soap and water.
If Inhaled	Remove the exposed person to fresh air.
If Swallowed	Call a physician or Poison Control Center immediately. <u>Do not induce vomiting.</u> Vomiting may cause aspiration pneumonia.

**IV. Note to Physician**

Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING: Vomiting may cause aspiration pneumonia, due to the solvent content of this material.

**V. Fire & Explosion Information**

**Flash Point (Method Used):** 153-161° (Closed Cup)

**Flammable Limits:** LEL: 1.3 UEL: 8.8 (solvent approximate)

**Autoignition Temperature (solvent):** Approx. 640° F.

**NFPA Hazard Ratings:** Health: 1 Flammability: 2 Reactivity: 0

**Extinguishing Media:** CO<sub>2</sub>, foam, or dry chemical.

**Special Fire Fighting Procedures:** Do not inhale vapor. Use self-contained, positive pressure breathing apparatus and protective clothing. Keep unnecessary personnel away. Use water spray or fog to cool containers. Do not allow runoff to enter sewer systems or any body of water. This product is toxic to fish, birds and other wildlife. Prevent spread of contaminated runoff. Do not decontaminate personnel, equipment or handle broken packages or containers without wearing specified protective equipment and clothing. Decontaminate emergency personnel with soap and water before leaving the fire area.

**Unusual Fire and Explosion Hazards:** Combustible liquid, solvent can form combustible mixtures at temperatures at or above the flash point. Solvent can also accumulate static charges, which can cause an incendiary electric discharge. "Empty" containers retain product residues (liquid and/or vapors), and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition, as they may explode and cause injury or death.

**VI. Spill Control & Cleanup**

Steps to be taken:	Soak up with absorbent material and shovel into waste containers. Keep out of sewers.
Absorbents	Clay granules, sawdust or soil may be used.
Counteractants:	None known.
Incompatibles:	None know.
Reportable Quantity	Not established.

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Dispose of in accordance with all applicable requirements.

**PESTICIDE DISPOSAL:** For containers over one gallon: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** For containers one gallon and under: Do not reuse empty container. Wrap container and put in trash. For containers over one gallon: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.

**VIII. Special Precautions:**

Do not contaminate water, food or feed by storage or disposal. This product is toxic to fish. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

**IX. Health Hazard Information:**

Primary Route(s) of Entry

Oral: No  
 Inhalations: Yes  
 Derma/Eye: Yes

Not Listed as a Human Carcinogen by:

NPT, IARC, or OSHA

Signs &amp; Symptoms of Acute Overexposure:

Runny nose, sneezing, and scratchy throat from inhalation may be experienced by some individuals.

**X. Recommended General Precautions**

Storage

Store upright in a covered area out of direct sunlight. Avoid exposure to extreme temperatures

Handling

Do not use, pour or spill near heat or open flame. Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately before reuse.

Personnel Protection

In cases where inhalation of spray mist is likely, a MSHA/NIOSH approved respirator is recommended. In cases where eye and skin contact are likely, the use of chemical safety goggles, impermeable gloves and clean, body-covering clothing are recommended.

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**XI. Other Information-**

NFPA Hazard Ratings

Health: 1, Fire: 2, Reactivity: 0, Special Properties: None  
 0 = Least                    2 = Moderate  
 1 = Slight                    3 = High  
                                          4 = Severe

**XII. Physical and Chemical Information**

Appearance and Odor	Light Amber Liquid, Mild Woody Odor
Boiling Point	Not Determined.
Melting Point	Not Applicable - Liquid
Vapor Pressure	Less than 2 mm 11G @ 25°C
Vapor Density	Greater than 5 (Air = 1)
Specific Density	0.79 - 0.83 @ 25°C
Evaporation Rate	Less than 0.1 (n-Butyl Acetate = 1)
Solubility	Insoluble in water.
Stability	Stable
Reactivity	Hazardous polymerization will not occur.
Decomposition Products	Not known.

**XIII. Transport Information**

DOT Classification: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA 1993,  
 PG III, RQ (RESMETHRINS)

B/L Freight Classification: INSECTICIDES, OTHER THAN POISON, NFMC ITEM#102120 Class 60

**XIV. Regulatory Information**

SARA Title III Classification:

Section 311/312:

Acute health hazard  
 Fire hazard

Section 313: chemicals

Resmethrin (3%)

(CAS # 10453-86-8)

This product contains a toxic chemical or chemicals subject to the reporting requirement of Section 313 of Title III and of 40 CFR 372. Any copies or redistribution of this MSDS must include this notice.

Proposition 65: Not Applicable

CERCLA Reportable Quantity (RQ): N/A

RCRA Classification: N/A

TSCA Status: Exempt from TSCA as regulated under FIFRA.

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and, to the best of our knowledge, is true and accurate. It is intended to be all inclusive and the manner of conditions of use and handling may involve other or additional conditions.