

# MATERIAL SAFETY DATA SHEET

Product Name: **ENTECH FOG-5**  
ENTECH SYSTEMS CORP.

Issue Date: 3/31/2004  
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## SECTION 1 - COMPANY AND PRODUCT INFORMATION

MANUFACTURER:

Entech Systems Corp  
607 Maria Street  
Kenner, La 70062

PRODUCT NAME & DESCRIPTION:

**ENTECH FOG-5**  
Synergized Pyrethrins  
(Insecticide Mixture)

EMERGENCY TELEPHONE NUMBER:

(504) 469-6541 ENTECH  
(800) 424-9300 CHEMTREC  
(For Transportation Spills)

CHEMICAL NAME AND SYNONYMS:

See below

EPA REGISTRATION NUMBER:

40391-3

CHEMICAL FORMULA:

See below

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.

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

EPA Signal Word "Caution"

CAS#	ACTIVE INGREDIENT	CONC. %	EXPOSURE LIMIT - TWA (SOURCE)	CARCINOGEN	OSHA PEL
64742-47-8	Refined Petroleum Solvent	96.83	350 mg/m <sup>3</sup> (NOSIH)	NO	NE
8003-34-7	<b>Pyrethrins</b>	<b>0.5</b>	5 mg/m <sup>3</sup> (OSHA, ACGIH)	NO	NE
51-03-6	Piperonyl Butoxide Technical	1.00	Not established.	NO	NE
113-48-4	N-Octyl bicycloheptene dicarboximide	1.67	Not established	NO	NE

**SECTION III - SARA TITLE III/SECTION 311/312/313 SUPPLIER NOTIFICATION**

Section 311/312: Acute Health hazard  
 Fire Hazard

Section 313: Piperonyl Butoxide Technical (1.06%) (CAS# 51-03-6)  
 This product contains a toxic chemical or chemicals subject to the reporting requirements 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): 200 lb. (30.3 gal.)  
 RCRA Classification: Ignitable  
 TSCA Status: Exempt form TSCA.

**SECTION IV - HEALTH HAZARD AND FIRST AID INFORMATION**

*OCCUPATIONAL EXPOSURE LIMIT:* Not established.

*CARCINOGENICITY:* Not established, but none of the ingredients are considered carcinogenic.

*PRIMARY ROUTES OF ENTRY:* Skin, Inhalation.

SYSTEMS AND EFFECTS OF OVEREXPOSURE	ROUTE of ENTRY	EMERGENCY AND FIRST AID PROCEDURES
Can cause temporary irritation, tearing and blurred vision.	EYES	Immediately flush with large amounts of water for at least 15 minutes. If irritation persists, get medical attention. Contact lens should not be worn when working with this chemical.
Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis.	SKIN	Immediately flush affected area with water. Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, get medical attention.
Excessive inhalation can cause nasal and respiratory irritation.. Can also cause headaches and dizziness.	INHALA-TION	Remove affected person to fresh air. Give oxygen, if necessary.
Can cause stomach irritation, resulting in nausea, cramps and vomiting.	INGES-TION	Do NOT induce vomiting. Keep affected person warm and quiet, and get medical attention immediately.

## **SECTION V – PERSONAL PROTECTION INFORMATION**

*EYE PROTECTION:* OSHA-approved safety glasses, goggles or face shield.

*PROTECTIVE CLOTHING:* Wear rubber gloves. Avoid exposure to skin and clothing.

*VENTILATION:* Mechanical ventilation should be used when handling this product in enclosed spaces.

*RESPIRATORY PROTECTION:* In the absence of proper ventilation, use a respirator approved by NIOSH/MSHA for use with pesticides and organic solvents.

*OTHER PROTECTIVE EQUIPMENT:* None.

## **SECTION VI - STORAGE AND SPECIAL HANDLING INFORMATION**

Store containers upright and closed. Store in areas that are cool, dry and ventilated. Keep away from heat, ignition sources and strong oxidizers. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the product label. Always wash thoroughly after handling.

## **SECTION VII - SPILL OR LEAK RESPONSE INFORMATION.**

*PRECAUTIONS IN CASE OF SPILLS OR LEAKS:* Contain the spill (prevent this product from reaching surface waters of other water supplies). Soak up the spill with an appropriate absorbent, and transfer into waste containers for disposal. Clean the spill area with detergent and water.

*WASTE DISPOSAL METHOD:* Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.

*RCRA/CERCLA HAZARDOUS WASTE:* See Section 3

**EMERGENCY TELEPHONE NUMBER: CHEMTREC (800) 424-9300**  
(For transportation spills)

## **SECTION VIII - FIRE AND EXPLOSION HAZARD INFORMATION**

*FLASH POINT:* 160° F (Estimate - Tag Closed Cup). This product is classified as a D.O.T. combustible liquid.

*FLAMMABLE LIMITS:* Not established.

*EXTINGUISHING MEDIA:* Foam, carbon dioxide or dry chemical.

*UNUSUAL FIRE AND EXPLOSION HAZARDS:* None.

*FIRE FIGHTING PROCEDURES:* Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water spray. Contain the run-off, if possible, for proper disposal.

**SECTION IX - REACTIVITY INFORMATION**

*STABILITY:* Stable

*INCOMPATIBILITY (CONDITIONS TO AVOID):* Heat and acidic or alkaline conditions may cause this product to break down. Contact with strong oxidizers may produce an explosive mixture.

*HAZARDOUS DECOMPOSITION PRODUCTS:* Unknown.

*HAZARDOUS POLYMERIZATION:* Will Not Occur

**SECTION X - PHYSICAL DATA**

*APPEARANCE:* Yellow-colored liquid.

*ODOR:* Pyrethrum Odor.

*SOLUBILITY IN WATER:* Insoluble

*SPECIFIC GRAVITY:* (@ 20° C) 0.81 - 0.84

*BOILING POINT:* Not Established

**SECTION XI - TRANSPORTATION INFORMATION**

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

B/L Freight Classification: INSECTICIDES; OTHER THAN POISON, NMFC ITEM 102120

International Transportation: Not available.

**SECTION XII - OTHER - NFPA HAZARD RATINGS**

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

**SECTION XIII - ADDITIONAL COMMENTS**

None.

**NOTICE:** The information herein, is given in good faith, by Entech Systems Corporation, but no warranty, expressed or implied is made.