

# Safety Data Sheet

## Aerothor Inspektor

Emergency Phone 1-800-424-9300 (Chemtrec)

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Aerothor Inspektor

**Chemical Name:** Pyrethrin

**Recommended use of the chemical and restrictions on use:** Insecticide

**Company:** Ensystem II, Inc.

**Address:** 2175 Village Dr., Fayetteville, NC 28304

**Daytime Phone:** 1-800-398-3772

### 2. HAZARDS IDENTIFICATION

A pressurized aerosol dispensed as a mist that is:

- Toxic to fish
- Highly Flammable
- Under pressure

#### POTENTIAL HEALTH EFFECTS

##### CARCINOGENICITY

Not listed by N.T.P., I.A.R.C. or O.S.H.A.

##### PRIMARY ROUTE(S) OF ENTRY

Inhalation and skin

##### EYES

Can cause temporary irritation, tearing and blurred vision. Spray at close range may cause frostbite or burns.

##### SKIN

Prolonged or repeated exposure may cause irritation and reddening of the skin, possibly progressing into Dermatitis. Spray at close range may cause frostbite or burns.

##### INHALATION

Excessive inhalation can cause nasal and respiratory irritation.

##### INGESTION

Can cause stomach irritation, resulting in nausea, cramps, and vomiting.

##### OTHER

None Known.

#### \*\*\*COMMENTS\*\*\*

UNNECESSARY EXPOSURE TO THIS PRODUCT OR ANY CHEMICAL SHOULD BE AVOIDED.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>EXPOSURE LIMITS</u>	<u>PERCENT BY WEIGHT</u>
Pyrethrin OSHA PEL = 5mg/m3 ACGIH TLV = 5mg/m3 CAS NUMBER: 8003-34-7	None established	= 0.50
Piperonyl Butoxide OSHA PEL = N/E ACGIH TLV = N/E CAS NUMBER: 51-03-06	None established	= 5.00
Petroleum Solvent OSHA PEL = 300 PPM ACGIH TLV = 300 PPM CAS NUMBER: 64742-47-8	None established	= 69.50
Propellant AB-85 (50.19% Isobutane) OSHA PEL = Unknown ACGIH TLV = 800 PPM (49.81% Propane) OSHA PEL = Unknown ACGIH TLV = 1000 PPM	None established	= 25.00

## 4. FIRST-AID

### EYES

Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

### SKIN

Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

### INHALATION

Remove victim to fresh air. If breathing is difficult, administer oxygen. If not breathing, apply artificial respiration. Consult a physician.

### INGESTION

Call a physician or poison control center. DO NOT induce vomiting because of aspiration pneumonia hazard.

## 5. FIRE-FIGHTING MEASURES

### FLAMMABLE PROPERTIES

FLASH POINT: **Not Established.**

FLAMMABLE LIMITS: **Not Established.**

### FIRE AND EXPLOSION HAZARDS

Flammable contents under pressure. Do not use near heat, sparks, open flame, or while smoking. At temperatures above 130°F, container may rupture. Do not puncture or incinerate.

### EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

### FIRE FIGHTING INSTRUCTIONS

Water may be used to keep containers cool. Use protective shielding to guard against venting, bursting, or rupturing containers. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

## 6. ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Do not allow leaking material to enter water source. Contain and soak up spill with absorbent material (oil-dri, sand, sawdust, vermiculate or other similar inert material). Contains pesticides and petroleum solvent and may be toxic to aquatic life. Transfer into waste containers for disposal.

## 7. HANDLING AND STORAGE

### HANDLING PRECAUTIONS

\*Extremely Flammable, Keep Out Of Reach Of Children.

\*Do not use near heat or open flame.

\*Read product label and observe all handling and storage precautions and instructions.

### STORAGE PRECAUTIONS

Do not store near heat or open flame. Do not store above 130°F.

### WORK/HYGIENIC PRACTICES

Wash thoroughly with soap and water after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EYE PROTECTION

Not required. Goggles or glasses optional.

### PROTECTIVE CLOTHING

Avoid contact with skin or clothing. Wash hands after using product.

### VENTILATION

Local exhaust ventilation. Do not remain in area after use.

### RESPIRATORY PROTECTION

No respiratory protection needed if directions are followed. If remaining in the enclosed areas after use, use N.I.O.S.H. approved respirator for pesticide vapors.

### OTHER PROTECTIVE EQUIPMENT

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Pressurized aerosol dispensed as a mist.

### ODOR

Solvent odor.

### BASIC PHYSICAL PROPERTIES

#### PHYSICAL STATE:

Aerosol

#### SPECIFIC GRAVITY (H<sub>2</sub>O = 1):

0.72

#### SOLUBILITY (H<sub>2</sub>O):

Insoluble

#### VAPOR PRESSURE (mmHg): (PSI @ 60°F) :

62

#### VAPOR DENSITY (air = 1):

N/D

#### EVAPORATION RATE (BUTYL ACETATE = 1):

N/A

**BOILING POINT:**  
**MELTING POINT:**

N/D  
N/D

## 10. STABILITY AND REACTIVITY

STABILITY: **Stable**  
HAZARDOUS POLYMERIZATION: **Will not occur.**  
INCOMPATIBILITY (CONDITIONS TO AVOID): **None Known**  
HAZARDOUS DECOMPOSITION PRODUCTS: None Known

## 11. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION  
ACUTE AND LONG-TERM TOXICITY TO FISH AND INVERTEBRATES  
**This product is toxic to fish.**

OTHER ENVIRONMENTAL INFORMATION  
**Do not apply directly to water. Do not contaminate water by disposal of wastes.**

## 12. DISPOSAL CONSIDERATIONS

Do not reuse empty container. Do not puncture or incinerate container. For empty containers, replace cap, wrap container, and discard in trash collection. Any absorbent material used to soak up or contain a leak or spill should be disposed of in accordance with local, state, and federal regulations. Consult the appropriate regulatory agency.

## 13. TRANSPORT INFORMATION

PROPER SHIPPING NAME: **Consumer Commodity**  
CLASS: **60**  
NATIONAL MOTOR FREIGHT CODE: **102120**  
ADDITIONAL SHIPPING PAPER DESCRIPTION  
**This product can be classified as a CONSUMER COMMODITY, ORM-D, if the aerosol meets the specifications as designated in 49 CFR, 173.306.**

## 14. Other Information

### Hazard rating System

NFPA		
Health	Fire	Reactivity
1	4	1

**Disclaimer: The information of this SDS is based on the present state of our knowledge. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.**