

# MATERIAL SAFETY DATA SHEET

Fogasol II Total Release Fogger

FILE NO.: 437000000

MSDS DATE: 06/07/11

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Fogasol II Total Release Fogger

**PRODUCT CODES:** 437000000

**MANUFACTURER:** QuestVapco Corp.

**ADDRESS:** P.O. Box 624  
Brenham, TX 77834

**EMERGENCY PHONE:** 1-800-231-0454 x 135

**CHEMTEL PHONE:** 1-800-255-3924

**OTHER CALLS:** 1-800-231-0454

**EPA REGISTRATION NUMBER:** 44446-50

**EPA ESTABLISHMENT NUMBER:** 44446-TX-1

**PRODUCT USE:** Insecticide

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u> <u>Name</u>	<u>CAS NO.</u>	<u>PEL</u>	<u>TLV</u>	<u>SARA 313</u> <u>REPORTABLE</u>
Isoparafinic Hydrocarbon	64742-47-8		400 ppm	No
Propane/n-Butane	68476-86-8		N/A 1000 ppm	No

### SECTION 2 NOTES:

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## SECTION 3: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to high temperatures or store in direct sunlight.

**ROUTES OF ENTRY:** Inhalation, Skin, Ingestion

### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, Irritation

**SKIN:** May cause defatting of Skin and mild irritation.

**INGESTION:** may causes nausea, diarrhea, vomiting, and cramps.

**INHALATION:** May cause nasal & respiratory irritation, nausea and nervous system disorders.

**ACUTE HEALTH HAZARDS:** see above

**CHRONIC HEALTH HAZARDS:** Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Excessive exposure may aggravate respiratory, cardiovascular, pulmonary illnesses, and nervous system disorders.

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**CARCINOGENICITY:** NA

**OSHA:** NO

**ACGIH:**

**NTP:** NO

**IARC:** NO

**OTHER:**

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Rinse with water for 15 minutes seek medical help

**SKIN:** Wash thoroughly with soap & water for 15 minutes if irritation develops seek medical help. Wash clothing and shoes if material is on them before reuse.

**INGESTION:** Seek medical attention immediately. Do Not induce vomiting.

**INHALATION:** Move to fresh air. Administer artificial breathing if breathing has stopped. Seek immediate medical help.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

**SECTION 4 NOTES:**

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR (% BY VOLUME)**      **UPPER:** N/A      **LOWER:** N/A

**FLASH POINT (METHOD USED: TCC):**    **F:** >200      **C:** >93

**AUTOIGNITION TEMPERATURE:**      **F:** N/A      **C:** N/A

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** 1      **FLAMMABILITY:** 1      **REACTIVITY:** 0      **OTHER:**

**HMIS HAZARD CLASSIFICATION**

**HEALTH:** 1      **FLAMMABILITY:** 1      **REACTIVITY:** 0      **PROTECTION:** A

**EXTINGUISHING MEDIA:** Dry chemical, alcohol foam, alcohol-resistant foam, water fog, or carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES:** SCBA is always recommended when fighting fires. Use water mist to keep containers cool. Cool containers with flooding quantities of water until well after fire is out.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120 F may cause bursting. Keep away from open flames and sources of ignition. Liquid may burn when heated.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon

**SECTION 5 NOTES:**

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Clean up with suitable absorbent. If many cans are opened remove ignition sources. Do not allow to drain into sewers or Storm Drains. Dispose of in accordance with local, State and Federal regulations.

**SECTION 6 NOTES:**

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Store in a cool dry area. Do not use or store near heat or open Flames. Exposure to temperatures above 120 F may cause bursting.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Follow label directions exactly. Vapor may collect in low lying areas.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS:

**VENTILATION:** Ambient, Forced ventilation when using product in confined area.

**RESPIRATORY PROTECTION:** Use only in well ventilated area.

**EYE PROTECTION:** Safety glasses are always recommended when using chemicals.

**SKIN PROTECTION:** Not required under normal use.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** not required

**WORK HYGIENIC PRACTICES:** Wash hands after use.

### EXPOSURE GUIDELINES:

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** Milky Liquid and mild pesticidal odor

**BOILING POINT** F: 450 C: 232

**MELTING POINT:** F: not tested C:

**FREEZING POINT:** F: not tested C:

**VAPOR PRESSURE (mmHg):** <17 @ F: 77 C: 25

**VAPOR DENSITY (AIR = 1):** < 1 @ F: 77 C: 25

**SPECIFIC GRAVITY (H2O = 1):** 0.95 @ F: 77 C: 25

**EVAPORATION RATE(Butyl Acetate =1):** <1

**SOLUBILITY IN WATER:** 55%

**PERCENT VOLATILE (BY WT/ BY VOL):** 89% @ F: 77 C: 25

**VOLATILE ORGANIC COMPOUNDS (VOC):** 35%

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** STABLE: X UNSTABLE:

**CONDITIONS TO AVOID (STABILITY):** Open flames, Teperatures over 120F

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizers, alkalies, and acids

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of Carbon under forced combustion.

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID (POLYMERIZATION):**

**SECTION 10 NOTES:**

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** Isoparafinic Hydrocarbon - 64742-47-8: Oral rat LD50: 5 g/kg; Skin rabbit LD50: 2 g/kg; Inhalation rat LC50: 5 mg/L (4-hr)

## SECTION 11 NOTES:

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## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Contains oil do not let residue come in contact with waterways in the United States

## SECTION 12 NOTES:

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## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, State and Federal regulations

RCRA HAZARD CLASS: Considered Non-hazrdous under RCRA, however procdut should be fully characterized prior to disposal (40 CFR 261).

**SECTION 13 NOTES:** Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection.

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## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** ORM-D

**HAZARD CLASS:**

**ID NUMBER:**

**PACKING GROUP:**

**LABEL STATEMENT:**

### WATER TRANSPORTATION

**PROPER SHIPPING NAME:** Call manufacturer

**HAZARD CLASS:**

**ID NUMBER:**

**PACKING GROUP:**

**LABEL STATEMENTS:**

### AIR TRANSPORTATION

**PROPER SHIPPING NAME:** Call manufacturer

**HAZARD CLASS:**

**ID NUMBER:**

**PACKING GROUP:**

**LABEL STATEMENTS:**

## OTHER AGENCIES:

## SECTION 14 NOTES:

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## SECTION 15: REGULATORY INFORMATION

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## U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**311/312 HAZARD CATEGORIES:** none

**313 REPORTABLE INGREDIENTS:** none

**STATE REGULATIONS:** This product contains no known chemicals regulated by California's proposition 65.

## INTERNATIONAL REGULATIONS:

**EINECS:** Isoparafinic Hydrocarbon - 64742-47-8

**Japan:** Isoparafinic Hydrocarbon - 64742-47-8

**Australia:** Isoparafinic Hydrocarbon - 64742-47-8

**WHMIS (Canada):** Isoparafinic Hydrocarbon - 64742-47-8

**DSCL (EEC):** **NDSL:**

**China:** Isoparafinic Hydrocarbon - 64742-47-8

**Korea:** Isoparafinic Hydrocarbon - 64742-47-8

**Philippines:** Isoparafinic Hydrocarbon - 64742-47-8

## SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

**PREPARED BY:** Juanita Mercure

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