

MATERIAL SAFETY DATA SHEET

VS 102 Roach and Ant Spray

FILE NO.: 425000000

MSDS DATE: 06/07/2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VS 102 Roach and Ant Spray

PRODUCT CODES: 425000000

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: 44446-65

EPA ESTABLISHMENT NUMBER: 44446-TX-1

PRODUCT USE: Insecticide

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> <u>Name</u>	<u>CAS NO.</u>	<u>PEL</u>	<u>TLV</u>	<u>SARA 313</u> <u>REPORTABLE</u>	
Isoparaffinic Hydrocarbon	64742-47-8		400 ppm	400 ppm	No
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	No	

SECTION 3: HAZARDS IDENTIFICATION

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: Mild irritation. May cause defatting of Skin

INGESTION: may causes nausea, diarrhea, vomiting

INHALATION: May cause dizziness. Excessive exposure may lead to oxygen deprivation and unconsciousness.

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 or pulmonary illnesses.

CARCINOGENICITY:

OSHA: NO

ACGIH:

NTP: NO

IARC: NO

OTHER:

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SECTION 4: FIRST AID MEASURES

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.

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:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME) **UPPER:** 6.0 **LOWER:** 1.0

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

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

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 3 **REACTIVITY:** 1 **OTHER:**

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 2 **REACTIVITY:** 1 **PROTECTION:** A

EXTINGUISHING MEDIA: Dry chemical, alcohol foam, alcohol-resistant foam, or carbon dioxide. Water may be ineffective.

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:

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: 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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION: Ambient

RESPIRATORY PROTECTION: Not required under normal use

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:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Clear Liquid and Vanilla odor

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

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

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

VAPOR PRESSURE (mmHg): 0.4 @ **F:** 77 **C:** 25

VAPOR DENSITY (AIR = 1): < 6.2 @ **F:** 77 **C:** 25

SPECIFIC GRAVITY (H₂O = 1): 0.81 @ **F:** 77 **C:** 25

EVAPORATION RATE(Butyl Acetate =1): <1

SOLUBILITY IN WATER: 0%

PERCENT VOLATILE (BY WT/ BY VOL): <2% @ **F:** 77 **C:** 25

VOLATILE ORGANIC COMPOUNDS (VOC): <2%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: **STABLE:** X **UNSTABLE:**

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

INCOMPATIBILITY (MATERIAL TO AVOID): Some Plastics and strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of Carbon

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

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SECTION 11: TOXICOLOGICAL INFORMATION

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:

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 12 NOTES:

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 product 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.

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

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:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARED BY: Juanita Mercure

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