

**Safety Data Sheet**  
**Fortress Coil Protectant**

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Fortress Coil Protectant  
**PRODUCT CODE:** 5985  
**PRODUCT USE:** Coil Cleaner  
**COMPANY NAME:** QuestVapco Corporation  
**COMPANY ADDRESS:** PO 624 Brenham, TX 77834  
**COMPANY PHONE:** 1-800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1

Dissolved Gas

Eye Irritant: Category 2b

Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely Flammable Aerosol Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 97%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Naphtha (Petroleum), Heavy Alkylate	64741-65-7	60-100
Modified Triazole Complex	94270-86-7	1-5%
Carbon Dioxide	124-38-9	1-5%
Synthetic Hydrocarbon	6021422-02	3-7%
Medium chain triglyceride	73398-61-5	3-7%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

**INGESTION:** If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**SKIN:** If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

**ACUTE HEALTH HAZARDS:** Eye: stinging, tearing, redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

**CHRONIC HEALTH HAZARDS:** None known

**NOTE TO PHYSICIAN:** If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** CO<sub>2</sub> , Dry Chemical

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**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear SCBA in fire situations.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**HAZARDOUS COMBUSTION PRODUCTS:** None Known

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

**RCRA STATUS:** Non-hazardous - This product is biodegradable.

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** None Known

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Naphtha (Petroleum), Heavy Alkylate	500 ppm	Not Established
Modified Triazole Complex	Not Established	Not Established
Carbon Dioxide	5000 ppm	5000 ppm
Synthetic Hydrocarbon	Not Established	Not Established
Medium chain triglyceride	Not Established	Not Established

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate but local exhaust/ventilation preferred.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved organic vapor respiratory protection.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses

**ADDITIONAL MEASURES:** Wash hands thoroughly with soap and water after use. Use good industrial hygiene practices.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Light brown tinted aerosol

**ODOR:** Nutty

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** N/D

**FLAMMABILITY:** Extremely Flammable Aerosol

**FLASH POINT:** 106°F

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/A

**UPPER FLAMMABILITY LIMIT:** N/A

**VAPOR PRESSURE (mm Hg):** 1 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** N/A

**EVAPORATION RATE:** < 0.8 (Slow)

**SPECIFIC GRAVITY (H2O=1):** 0.785 @ 77°F (25°C)

**pH:** N/A

**SOLIDS (%):** N/D

**SOLUBILITY IN WATER:** Non-soluble

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 100%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 83.4%

**DIELECTRIC STRENGTH (Volts):** N/D

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**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** If exposed to strong oxidizers, presents explosion hazard.

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Excessive heat. Sources of ignition.

**INCOMPATIBILITY:** None Known

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon

**POSSIBLE HAZARDOUS REACTIONS:** None Known

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** **Naphtha (Petroleum), Heavy Alkylate** (64741-65-7) LD<sub>50</sub> (Oral, Rat) > 2000 mg/kg; LD<sub>50</sub> (Dermal, Rat) > 2000 mg/kg **Modified Triazole Complex** (94270-86-7) LD<sub>50</sub> (Oral, Rat) 3300 mg/kg **Carbon Dioxide** (124-38-9) LC<sub>50</sub> (Inhalation, Rat, 30 min) 470,000 ppm

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

**EYES:** Causes irritation, redness, tearing.

**INGESTION:** Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps, pulmonary edema.

**INHALATION:** May cause irritation to the respiratory tract.

**SKIN:** Not likely to cause skin irritation.

**MEDICAL CONDITION AGGRAVATED:** None known

**ACUTE HEALTH HAZARDS:** Eye: stinging, tearing, redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** **Naphtha (Petroleum), Heavy Alkylate** (64741-65-7) LC<sub>50</sub> (Fish) > 1000 mg/L **Modified Triazole Complex** (9427-86-7) EC<sub>50</sub> (Daphnia, 24hr) 1.4 ppm; LC<sub>50</sub> (Fish, 96hr) 1.3 ppm

**BIODEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** None Known

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

**RCRA STATUS:** Non-hazardous - This product is biodegradable.

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** None

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** None

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

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**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** None  
**ENVIRONMENTAL HAZARDS WATER:** N/A

<b>SECTION XV - REGULATORY INFORMATION</b>
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**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** Acute Health  
**SARA 313 REPORTABLE INGREDIENTS:** None  
**STATE REGULATIONS:** California Proposition 65: None  
**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

<b>NFPA HEALTH:</b> 1	<b>HMIS HEALTH:</b> 1
<b>NFPA FLAMMABILITY:</b> 2	<b>HMIS FLAMMABILITY:</b> 2
<b>NFPA REACTIVITY:</b> 0	<b>HMIS REACTIVITY:</b> 0
<b>NFPA OTHER:</b> None	<b>HMIS PROTECTION:</b> A

<b>SECTION XVI - ADDITIONAL INFORMATION</b>
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**PREPARATION BY:** Jonathon Jarvis  
**DATE PREPARED:** 05/08/2013  
**REVISION DATE:** 11/07/2014

N/A = Not Applicable; N/D = Not Determined

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