

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: CO₂ , 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_{ow}): 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) LD₅₀ (Oral, Rat) > 2000 mg/kg; LD₅₀ (Dermal, Rat) > 2000 mg/kg **Modified Triazole Complex** (94270-86-7) LD₅₀ (Oral, Rat) 3300 mg/kg **Carbon Dioxide** (124-38-9) LC₅₀ (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) LC₅₀ (Fish) > 1000 mg/L **Modified Triazole Complex** (9427-86-7) EC₅₀ (Daphnia, 24hr) 1.4 ppm; LC₅₀ (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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UN/NA NUMBER: UN 1950
PACKAGING GROUP: None
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

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.

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	2	HMIS FLAMMABILITY:	2
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	A

SECTION XVI - ADDITIONAL INFORMATION

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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