

**Safety Data Sheet**  
Mr. Mechanic

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Mr. Mechanic  
**PRODUCT CODE:** 5340/5350  
**PRODUCT USE:** Penetrating lube  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** PO Box 624 Brenham, TX 77834  
**COMPANY PHONE:** 1-800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1

Liquefied 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: 2%

**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
Petroleum Distillates, Hydrotreated Light	64742-47-8	15-40%
Mineral Seal Oil	64741-44-2	15-40%
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	64741-88-4	5-10%
Petroleum Distillate, Solvent-Refined Light Paraffinic	64741-89-5	1-5%
Mineral Spirits	64475-85-0	1-5%
Ethyl Acetate	141-78-6	3-7%
Propane / n-Butane	68476-86-8	10-30%

**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:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

**SKIN:** Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

**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.

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## SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, foam, or Carbon Dioxide (CO<sub>2</sub>).

**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:** Oxides of carbon

## 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 federal, state, and local regulations.

**RCRA STATUS:** Waste solvent likely considered F003, Flammable, Non-halogenated solvent, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

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

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

**INCOMPATIBILITY:** Strong oxidizing agents. Strong reducing agents.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Petroleum Distillates, Hydrotreated Light	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Mineral Seal Oil	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	Not Established	Not Established
Petroleum Distillate, Solvent-Refined Light Paraffinic	Not Established	Not Established
Mineral Spirits	500 ppm	300 ppm
Ethyl Acetate	400 ppm	400 ppm
Propane / n-Butane	1000 ppm	1000 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate.

**RESPIRATORY PROTECTION:** Not required with adequate ventilation

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Brown Aerosol Spray

**ODOR:** Petroleum solvent odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** > 180°F (82°C)

**FREEZING POINT:** N/D

**FLAMMABILITY:** Extremely Flammable Aerosol

**FLASH POINT:** > 110°F (43°C)

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** 30 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** > 1

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.83 @ 77°F (25°C)

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**pH:** N/A  
**SOLIDS (%):** N/D  
**SOLUBILITY IN WATER:** 0%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>OW</sub>):** N/D  
**VOLATILITY INCLUDING WATER (%):** 22%  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 20%  
**DIELECTRIC STRENGTH (Volts):** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** None Known  
**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.  
**INCOMPATIBILITY:** Strong oxidizing agents. Strong reducing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **Petroleum Distillates, hydrotreated light** (64742-47-8) LD<sub>50</sub> (Oral, Rat) 5 g/kg; LD<sub>50</sub> (Dermal, Rabbit) 2 g/kg; LC<sub>50</sub> (Rat, 4hr) 5 mg/L **Ethyl Acetate** (141-78-6) LD<sub>50</sub> (Oral, Rat) 5620 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 4935 mg/kg; LC<sub>50</sub> (Rat, 6hrs) 16,000 ppm **Propane/n-Butane** (68476-86-8) LC<sub>50</sub> (Inhalation, Rat, 4hr) 685 mg/m<sup>3</sup>  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** May cause irritation, redness.  
**INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and abdominal cramps.  
**INHALATION:** May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness.  
**SKIN:** May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.  
**MEDICAL CONDITION AGGRAVATED:** May aggravate pre-existing medical conditions.  
**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: N/A

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** **Petroleum Distillates, hydrotreated light** (64742-47-8) Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Expected to be readily biodegradable. Do not contaminate water when disposing of equipment washwaters. **Ethyl Acetate** (141-78-6) LC<sub>50</sub> (Fathead Minnow, 96hrs) 220 mg/L; (Indian Catfish, 96hrs) 212.5 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 federal, state, and local regulations.  
**RCRA STATUS:** Waste solvent likely considered F003, Flammable, Non-halogenated solvent, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** N/A

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## AIR SHIPMENT

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

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

## SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**

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

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**ENVIRONMENTAL HAZARDS WATER:** N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Ethyl Acetate (141-78-6) Reportable  
Quantity = 5,000 lbs

**SARA 311/312 HAZARD CATEGORIES:** Fire Hazard

**SARA 313 REPORTABLE INGREDIENTS:** None

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

**INTERNATIONAL REGULATIONS:** None known

**NFPA HEALTH:** 1

**HMIS HEALTH:** 1

**NFPA FLAMMABILITY:** 3

**HMIS FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0

**HMIS REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS PROTECTION:** A

## SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 12/31/2013

**REVISION DATE:** 11/19/2014

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

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