

**Safety Data Sheet**  
Liberate

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Liberate  
**PRODUCT CODE:** 5612  
**RECOMMENDED USE:** Penetrating Lubricant  
**RESTRICTIONS ON USE:** None known.  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** P.O. Box 624 Brenham, TX 77834  
**COMPANY PHONE:** 800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1  
Gases Under Pressure: Liquefied Gas  
Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**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 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. 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
Distillates (petroleum), hydrotreated light	64742-47-8	30-45%
Mineral Seal Oil	64741-44-2	30-45%
Propane	74-98-6	1-10%
Ethyl Acetate	141-78-6	1-5%
Mineral Spirits	8052-41-3	<1%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 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:** Aspiration into the lungs may cause chemical pneumonitis or pulmonary edema. High vapor concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.

**CHRONIC HEALTH HAZARDS:** None known.

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

**Safety Data Sheet**  
**Liberate**

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, foam or carbon dioxide.

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

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting.

**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 local, state and federal regulations.

**RCRA STATUS:** Waste should be fully characterized prior to disposal (40 CFR 261).

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area away from extremes of temperature and ignition sources. Keep container tightly sealed when not in use. Store locked up.

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

**INCOMPATIBILITY:** Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.

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

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Distillates (petroleum), hydrotreated light	Not Established	200 mg/m <sup>3</sup>
Mineral Seal Oil	5 mg/m <sup>3</sup>	200 mg/m <sup>3</sup>
Propane	1000 ppm	1000 ppm
Ethyl Acetate	400 ppm	400 ppm
Mineral Spirits	500 ppm	100 ppm

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

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles and chemical resistant gloves.

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

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Brown to amber spray.

**ODOR:** Petroleum solvent odor

**ODOR THRESHOLD:** N/D

**pH:** N/A

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** > 180°F (82°C)

**FLASH POINT:** > 110°F (43°C)

**EVAPORATION RATE:** Slow.

**FLAMMABILITY (solid/gas):** Extremely flammable aerosol.

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**EXPLOSIVE LIMIT LOWER (%):** N/D

**EXPLOSIVE LIMIT UPPER (%):** N/D

**VAPOR PRESSURE (mm Hg):** N/D

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

**RELATIVE DENSITY (H<sub>2</sub>O=1):** N/D

**Safety Data Sheet**  
**Liberate**

**SOLUBILITY(IES):** 0%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow):** N/D  
**AUTOIGNITION TEMPERATURE:** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY**

**REACTIVITY:** None known.  
**CHEMICAL STABILITY:** Stable.  
**POSSIBLE HAZARDOUS REACTIONS:** None known.  
**CONDITIONS TO AVOID:** Sources of ignition.  
**INCOMPATIBLE MATERIALS:** Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Distillates (petroleum), hydrotreated light (64742-47-8): LD<sub>50</sub> (Oral, Rat) > 5000 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 2000 mg/kg. Ethyl Acetate (141-78-6) LD<sub>50</sub> (Oral, Rat) 5620 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) >18000 mg/kg; LC<sub>50</sub> (Mouse, 2hrs) 45000 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 respiratory tract irritation, 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:** Aspiration into the lungs may cause chemical pneumonitis or pulmonary edema. High vapor concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.  
**CHRONIC HEALTH HAZARDS:** None known.  
**CARCINOGENICITY:** OSHA: No\* ACGIH: No\* NTP: No\* IARC: No\* OTHER: California Prop 65.  
\*No ingredient in this product present at levels greater than or equal to 0.1%

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Not established.  
**PERSISTENCE AND DEGRADABILITY:** Component or components of this product are not biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.  
**MOBILITY IN SOIL:** This product is mobile in soil.  
**OTHER ADVERSE EFFECTS:** None known.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.  
**RCRA STATUS:** Waste should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, flammable.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:** N/A

# Safety Data Sheet

Liberate

## SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN1950

**PACKING GROUP:** N/A

**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 = 5000 pounds.

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

**SARA 313 REPORTABLE INGREDIENTS:** Nonylphenoxypolyethoxyethanol (68412-54-4).

**STATE REGULATIONS: California Proposition 65: WARNING:** This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). **Naphthalene** (91-20-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA, RI. **Distillates (petroleum), hydrotreated light** (64742-47-8): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: NJ, PA, RI. **Mineral Spirits** (8052-41-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA, RI, NJ.

**INTERNATIONAL REGULATIONS:** None known

**VOLATILE ORGANIC COMPOUNDS (VOC):** 12%

**NFPA HEALTH:** 1

**NFPA FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS HEALTH:** 1

**HMIS FLAMMABILITY:** 3

**HMIS REACTIVITY:** 0

**HMIS PROTECTION:** A

## SECTION XVI - OTHER INFORMATION

**PREPARATION BY:** Craig Bernard

**DATE PREPARED:** 11/09/2023

**REVISION DATE:** N/A

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

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.