

**Material Safety Data Sheet**  
**Surrender**

QuestVapco Corporation  
P.O. Box 624  
Brenham, TX 77834  
Emergency Phone Number: (800) 231-0454

**DATE PREPARED:** 08/06/2013  
**REVISION DATE:** 08/06/2013  
**CHEM-TEL:** 800-225-3924  
**PRODUCT NUMBER:** L6390

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Surrender  
**PRODUCT CODE:** L6390  
**PRODUCT USE:** Lubricant

**SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Hydrotreated Heavy Naphthenic Petroleum Distillate	64742-52-5	N/A	N/A
Aluminum	7429-90-5	5 mg/m3	1 mg/m3
Graphite	7782-42-5	2 mg/m3	Not Established
Silicon Dioxide	112945-52-5	Not Established	Not Established
Antimony Dialkyldithiocarbamate	N/A	0.5 mg/m3	0.5 mg/m3

**SECTION III – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Grease with little if any hazards. Avoid inhalation of fumes. Releases hazardous gases when exposed to fire.

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

**EYES:** Causes irritation.

**INGESTION:** Causes gastrointestinal irritation, nausea, diarrhea, vomiting.

**INHALATION:** Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

**SKIN:** Causes irritation with prolonged contact.

**MEDICAL CONDITION AGGRAVATED:** None known

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:**

**OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

**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:** Do not induce vomiting unless directed by medical authority. Seek immediate medical attention.

**INHALATION:** Move to fresh air. Avoid breathing oil mists. 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. Seek medical attention if irritation develops.

**NOTE TO PHYSICIAN:** None

**SECTION V – FIRE-FIGHTING MEASURES**

**FLASH POINT:** Not Tested

**EXTINGUISHING MEDIA:** Dry chemical or suitable for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from oxygen generating materials.

**HAZARDOUS COMBUSTION PRODUCTS:** Not determined

**Material Safety Data Sheet**  
Surrender

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL:** Clean up using cloth or absorbent material. dispose of product-containing wiping cloth or absorbent paper in suitable manner. place waste in proper containers for waste disposal.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area. Do not use or store near heat or open flames. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Follow label instructions exactly.

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

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

**RESPIRATORY PROTECTION:** Not required with normal use.

**PROTECTIVE CLOTHING:** Safety glasses and chemical resistant gloves are recommended.

**ADDITIONAL MEASURES:** Wash hands thoroughly with soap and water after use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Thick silver grease

**BOILING POINT:** Unknown

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

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.00

**SOLUBILITY IN WATER:** 0%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%

**ODOR:** Bland odor

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

**EVAPORATION RATE:** < 1

**pH:** N/A

**VOLATILITY INCLUDING WATER (%):** 80%

**SECTION X – STABILITY AND REACTIVITY DATA**

**CHEMICAL STABILITY:** Stable

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

**INCOMPATIBILITY:** Strong acids & bases; material that react with unsaturated hydrocarbons.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** None known

**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Not Available

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Not Available

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**Material Safety Data Sheet**  
Surrender

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Lubricating Oil Petroleum Base  
**PACKAGING GROUP:**

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Lubricating Oil Petroleum Base

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Lubricating Oil Petroleum Base

**NOTE:**

**SECTION XV - REGULATORY INFORMATION**

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

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Fire Hazard

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

**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>	1	<b>HMIS FLAMMABILITY:</b>	1
<b>NFPA REACTIVITY:</b>	1	<b>HMIS REACTIVITY:</b>	1
<b>NFPA OTHER:</b>		<b>HMIS PROTECTION:</b>	B

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Jonathon Jarvis

**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 MSDS 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 MSDS shall be created or inferred by any statement in this MSDS. 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 MSDS. The user is responsible for full compliance.