



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** E.P. SOLUBLE OIL 838

**GENERAL USE:** Water soluble oil for metal working, cutting, drilling, etc.,

**PRODUCT FORMULATION NAME:** Lubricating base oil, lubricity additives,  
E.P. additive, surfactant, biocide.

#### MANUFACTURER

**LONG LUB-TEK CORPORATION**

330-12 Sec.1 Zhong Zheng Rd. Sanxia Dist., New Taipei City TAIWAN.

Phone No.: 886-2-26742566

Fax No.: 886-2-26742730

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### 2. TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance ----- Brown liquid

Odor ----- mild

Specific gravity ----- 0.975

Flash point(COC) °C min. ----- 210

Viscosity cSt. 40°C -----70

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### 3. FIRE AND EXPLOSION HAZARD DATA

**Flash point(COC) °C :** 210°C

**Flammable Class:** Flammable

**Extinguishing media:** Carbon Dioxide, Foam, Dry chemical

**Special Fire-fighting Procedures:** Water may be used to cool containers exposed  
to heat.

**Unusual Fire Hazards:** Treat like petroleum fire.

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#### 4. HEALTH HAZARD DATA

##### **DANGER: CORROSIVE TO THE EYES**

Eye Irritation	(Rabbits)	Corrosive to the Eye
Skin Irritation	(Rabbits)	Non Primary Skin Irritant
DOT Skin Corrosion	(Rabbits)	Non-Corrosive: Non Primary Skin Irritant
Acute Dermal Toxicity	(Rabbits)	LD <sub>50</sub> >20.000mg/Kg
Acute Inhalation	(Rats)	LC <sub>50</sub> >18mg/l
Acute Oral Toxicity	(Rats)	LD <sub>50</sub> >5.000mg/Kg
Skin Sensitivity	(Guinea Pigs)	Buehler – Minimal contact sensitizer

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#### 5. EMERGENCY AND FIRST AID PROCEDURE

**EYES:** Wash eyes with clean flowing water for two or three minutes. Remove any contact lenses and continue flushing for 15 minutes. If irritation occurs or persists, get medical attention.

**SKIN:** Remove contaminated clothing including shoes and wash affected area with soap and water. Wash contaminated clothing and shoes before reuse.

**INGESTION:** Induce vomiting, wash out mouth with water and keep at rest. Seek immediate medical attention.

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#### 6. SPILL OR LEAK PROCEDURE

**Small Amounts:** Add oil adsorbent, shovel up and place in closed containers for disposal.

**Large Amounts:** Dike to container and pump into drums for use or disposal.

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#### 7. DISPOSAL METHODS

Not a hazardous waste under RCRA (40CFR 261). Dispose of in the manner prescribed in Federal, State and Local regulations.

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#### 8. SPECIAL PROTECTION INFORMATION

**Eye Protection:** Wear safety goggles.

**Protective Gloves:** Wear oil impervious gloves.

**Respiratory:** If misting occurs, use NIOSH approved respirator for oil mist. Provide general, mechanical ventilation.

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## 9. SPECIAL PRECAUTIONS

**DO NOT ALLOW EYE CONTACT**

**DO NOT INGEST**

**KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE**

**EYEWASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE EASILY ACCESSIBLE  
WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR  
SMOKING**

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## 10. REGULATORY INFORMATION

**DOT Class:** Not regulated

**DOT Number; UN #:** Not Applicable

**RCRA Status:** Material is not a hazardous waste under RCRA  
(40 CFR 261)

**NTP, IARC and OSHA:** Not listed as a carcinogen.

**U.S. TSCA, EEC EINECS, Japan MITI, Canada DSL, Australia AICS:**

All components are listed or in compliance with current regulations.

### **SARA Title III Section 313 Supplier Notification:**

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.