



## MATERIAL SAFETY DATA SHEET

Date –Issued:05/06/2006

MSDS Ref.No:PSMSD-790-2

Date –Revised:06/28/2010

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Tungsten Carbide Grinding Fluid #790

**GENERAL USE:** Water soluble grinding fluid for Tungsten Carbide parts .

**PRODUCT FORMULATION NAME:** Organic acid salt corrosion inhibitor,  
Biocide, anti-foam agent, water

#### 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 ----- Amber liquid

Odor ----- mild

Specific gravity ----- 1.02

Flash point(COC) °C min. ----- None

PH (1% dilution in water) -----9.5

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### 3. FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** No flash via TCC.

**Flammable Limits:** Product is not flammable.

**Extinguishing Media:** Does not apply.

**Special Procedures:** Does not apply.

**Unusual Hazards:** Sealed container can build up pressure when exposed to  
high heat. Cool containers with water.

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#### 4. HEALTH HAZARD DATA

**DANGER:** CORROSIVE TO THE EYES  
**WARNING:** IRRITATING TO THE SKIN

Eye Irritation	(Rabbits)	Corrosive to the Eye
Skin Irritation	(Rabbits)	Moderate Primary Skin Irritant
DOT Skin Corrosion	(Rabbits)	Non-Corrosive: Moderate 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 immediately wash affected area with plenty of soap and water. Seek medical attention. 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:** Flush with large volume of water.

**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**

**AVOID SKIN 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.