

# CHAMPION

ENGINEERING INC

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## MATERIAL SAFETY DATA SHEET

Rev. Aug., 2007

This MSDS follows The American National Standards Institute (ANSI) suggested format (Z400.1-1993)

### Section 1: Chemical Product and Company Identification

**PRODUCT NAME**

UltraTraceUV®

**GENERIC CHEMICAL NAME**

Proprietary Pharmaceutical USP Petroleum Blend with APD Dye

**PART NUMBER**

P0716UV & 504956

**FOR PRODUCT**

Diagnostic Smoke™ Vapor Machines

**COMPANY**

Champion Engineering, Inc.

**ADDRESS**

17852 Gothard Street, Huntington Beach, CA 92647 | U.S.A.

**EMERGENCY TELEPHONE NUMBER**

1-800-255-3924 Chem-Tel (24 hours)

**TELEPHONE NUMBER FOR INFORMATION**

1-888-909-3827

### Section 2: Composition, Information or Ingredients

**PRODUCT HAZARD RATING\*: HEALTH RISK = 0, FLAMMABILITY = 1, REACTIVITY = 0**

[\*Hazard Rating System Equivalence: 0 = Very Least, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme]

**COMPONENTS — OSHA PELs**

**ACGIH TLVs**

**OIL MIST IN AIR — 5mg/m3**

**5mg/m3**

**NOT A CONTROLLED PRODUCT UNDER (WHMIS) - Canada**

### Section 3: Hazard Identification

**THRESHOLD LIMIT VALUE:** 5mg/m3 for oil mist in air. OSHA Regulation 29 CFR 1910.1000

**EFFECTS OF EXTREME OVEREXPOSURE:** This is basically a Safe product. However, human health risks vary from person to person. As with any petroleum base product, reasonable caution should be taken to avoid prolonged and repeated exposure to the base product. Overexposure to skin and eyes may cause irritation.

**THIS PRODUCT HAS A LOW ORDER OF ACUTE ORAL TOXICITY.** If base product is swallowed it presents a low risk of aspiration into the lungs. In the event that swallowing the base product in small quantities does take place, it is expected to pass through the system without symptoms. As with any petroleum base product : If large quantities are swallowed and subsequently aspirated into the lungs, mild to severe pulmonary injury may occur.

**CARCINOGENS: NTP? NONE**

**IARC MONOGRAPHS? NONE**

**OSHA REGULATED? NO**

### Section 4: First Aid Measures and Precautions

**The following precautions are common sense First Aid Measures for our Product or any petroleum based product:**

**EYE CONTACT:** Flush eyes with clean water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.

**SKIN CONTACT:** Remove any contaminated clothing and wash affected skin area with soap and warm water.

**INHALATION:** Inhalation at ambient temperatures is not commonly a problem. If overcome by excessive exposure to vapors, you should remove from exposure to well ventilated area. Some people may experience dizziness, drowsiness or nausea. If symptoms persist, consult a physician. It is always a good measure of precaution to avoid excessive inhalation of byproduct.

**INGESTION:** If ingested, the precaution is to call a physician or our emergency number immediately. Do not induce vomiting.

### Section 5: Fire-Fighting Measures

**FLASH POINT (Method Used):** 335-510°F or 168-265°C (COC) **LEL:** 0.9% **UEL:** 7.0%

**EXTINGUISHING MEDIA:** Water Spray (Fog), Foam, Dry Chemical and Carbon Dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool exposed container with water. Use air-supplied breathing equipment for enclosed or confined spaces.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not store or mix base chemical with strong oxidants. Do not cut, drill, grind, or weld container, as this may cause explosion.

### **Section 6: Accidental Release Measures**

#### **STEPS TO BE TAKEN IN CASE MATERIAL IS ACCIDENTALLY SPILLED:**

Recover liquid, wash remainder with suitable petroleum solvent or add absorbent. As with all petroleum products, keep out of sewers and water courses. Advise authorities if ever any petroleum product has entered or may enter sewers or water courses.

#### **WASTE DISPOSAL METHOD:**

Assure conformity with applicable local disposal regulations.

### **Section 7: Handling and Storage**

Do not handle or store near heat, flames or strong oxidants.

### **Section 8: Exposure Controls and Personal Protection**

Use this product in a well ventilated area.

### **Section 9: Physical and Chemical Properties**

**BOILING POINT:** >550°F (>288°C)

**VAPOR PRESSURE (MM HG.):** <1.0 @ 68°F

**VAPOR DENSITY (AIR = 1):** >5

**SOLUBILITY IN WATER:** Negligible

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.87-0.89

**MELTING POINT:** Liquid

**EVAPORATIVE RATE (BUTYL ACETATE = 1):** <0.01

**APPEARANCE AND ODOR:** Colorless to Very Pale Amber.  
Mineral Oil Type Odor.

### **Section 10: Stability and Reactivity**

**STABILITY:** Very Stable

**CONDITIONS TO AVOID:** Not Applicable

**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### **Section 11: Toxicological Information**

**HAZARD IDENTIFICATION OF CARCINOGENICITY, REPRODUCTIVE EFFECTS, TARGET ORGAN EFFECTS:** This product does not have Carcinogens — Section 11 does not apply to this product.

### **Section 12: Ecological Information**

Section 12 does not apply to this product.

### **Section 13: Disposal Considerations**

All components of this Product are made from new materials. Some components of this Product are manufactured from Reclaimable Materials: We recommend this product be returned to manufacturer for its reclaimable properties. Otherwise State and/or City Regulations should be observed for proper disposal of this product.

### **Section 14: Transport Information**

Refer To Section 3 For Any Related or Pertinent Information That May Apply.

### **Section 15: Regulatory Information**

Section 15 does not apply to this product.

### **Section 16: Other Information**

For Any Questions Regarding This Material Safety Data Sheet: Contact Champion Engineering 1-888-909-3827

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