

## CaiLube X-10S Instrument Oil

### SECTION I - IDENTIFICATION

**Product Names:**

CaiLube X-10S Instrument Oil

**Trade Name & Synonyms:**

Lubricating Oil

**Chemical Family:** Silicone

**CAS No.:** 63148-62-9

**Company:**

CAIG Laboratories, Inc.

12200 Thatcher Court

Poway, CA 92064 U.S.A.

**Emergency Telephone No.:**

858 / 486-8388

### SECTION II - HAZARDOUS INGREDIENTS

NONE - This material does not contain any ingredients considered hazardous under the OSHA Federal Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Inventory:** All of the ingredients are listed on the TSCA inventory.

California Proposition 65: The California list of chemicals, "known to cause cancer or reproductive toxicity" is so extensive it requires more clarification, research and evaluation. Meanwhile, all chemicals distributed by, or manufactured by CAIG Laboratories, shall be assumed to be on the list or contain detectable amounts of chemical listed.

### SECTION III - PHYSICAL DATA

**Boiling Point (@760MM HG):**  
Above 149°C.

**Vapor Pressure (at 25°C):** less than 5 MM.

**Vapor Density (Air=1 at 25°C):** N/A

**Appearance & Odor:** no color, very little odor.

**Specific Gravity (H<sub>2</sub>O=1):** 0.96

**Percent Volatile by Volume:** less than 5%.

**Evaporation Rate (Ether=1):** less than 1.

**Solubility in H<sub>2</sub>O:** less than 0.1%.

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method used):**  
open cup 204°C minimum.

**Extinguishing Media:** water, water fog x CO<sub>2</sub> x Dry Chemical x foam.

**Special Fire Fighting Procedures:**  
Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**Unusual Fire & Explosion Hazards:** None

**Flammable Limits in Air. % by Vol.:** Lower/Upper - N/A

### SECTION V - HEALTH HAZARD DATA

**Effects of Overexposure:**

EYES: May cause temporary discomfort.

SKIN: Single, prolonged exposure causes no known adverse effect.

INHALATION: No irritation to nose or throat expected. No injury is likely from relatively short exposure.

ORAL: Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury.

COMMENT: No known adverse chronic health effects, but unnecessary exposure to any chemical should be avoided.

**Emergency & First Aid Procedures:**

EYES: Flush with water. SKIN: Wipe off and flush with water.

INHALATION: No problem. ORAL: No problem

### SECTION VI - REACTIVITY DATA

**Stability:** Material is stable. However, avoid open flames.

**Incompatibility (materials to avoid):** Oxidizing material can cause a reaction.

**Hazardous Decomposition Products:** Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products.

**Hazardous Polymerization:** Will not occur.

### SECTION VII - SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled:**

Stop flow and shut off sources of ignition. Cover with sand or oil bonding material ( i.e. cat litter), collect and contain for salvage or disposal.

**Waste Disposal Method:** Dispose same as oil waste. All local, state and federal regulations should be followed.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None

**Ventilation:** Local Exhaust

Mechanical - Recommended, Special - N/A, Other - N/A.

**Protective Gloves:** \* No, washing at mealtime & end of shift is adequate.

**Eye Protection:** Use proper protection, safety glasses as a minimum.

**Other Protective Equipment:** No

\* Good practice requires that gross amounts of any chemical be removed from skin as soon as practical, especially before eating and smoking.

### SECTION IX - SPECIAL PRECAUTIONS

No special precautions. Use reasonable care and caution.

OTHER PRECAUTIONS: Traces of formaldehyde and other thermal decomposition products may form at temperatures above 150°C in the presence of air. Provide adequate ventilation when handling at elevated temperatures.