

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 (H₂O=1): 0.96

Percent Volatile by Volume: less
 than 5%.

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

Solubility in H₂O: 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 CO₂ 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.