

CircuitWriter

SECTION I - IDENTIFICATION

Product Names: **Emergency Telephone No.:**
 CircuitWriter (Part No. For CircuitWriter liquid contact - (858) 486-8388
 K-CW100P) and CW100L-2 For poison information contact - Los Angeles : 1-
 800-356-3129

Company:
 CAIG Laboratories, Inc., 12200 Thatcher Court, Poway, CA 92064

SECTION II - INGREDIENTS

C.A.S. Reg. No.	Material	Wt. %	Exposure Limit
7440-22-4	Silver	30-50	.01 mg/M3
108-10-1	Methyl Isobutyl Ketone	25-35	100.00 PPM
67-63-0	Isopropanol	5-10	400.00 PPM
67-64-1	Acetone	5-10	1000.00 PPM
7440-02-0	Nickel	5-10	1.00 mg/M3

HAZARD RATING	SCALE
TOXICITY: 2	4 = EXTREME
FLAMMABILITY: 2	3 = HIGH
REACTIVITY: 1	2 = MODERATE
	1 = SLIGHT
	0 = INSIGNIFICANT

omia 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/CHEMICAL CHARACTERISTICS

Boiling Point: 133°F
Vapor Press. (mm Hg.): 184.00
Vapor Density (Air=1): N/A
Specific Gravity (H₂O=1): 1.10
Melting Point: N/A
V.O.C.: 0595 G/L, method=EPA 24)

Evaporation Rate: N/A
Solubility in H₂O: Nil
Volatile: 85.0
Appearance and Odor: Thin silver fluid, mild odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 5°F
Flammable Limits % vol.: Lower = 1.2, Upper = 10.7
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Unusual Fire & Explosion Hazards: KEEP AWAY FROM SPARKS, OPEN FLAMES, OR OTHER SOURCES OF IGNITION.
Special Fire Fighting Procedures: WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION AS CONDITIONS WARRANT (SEE SECTION VII & VIII).

SECTION V - REACTIVITY DATA

Stability: MATERIAL IS STABLE; HOWEVER, AVOID OPEN FLAMES AND HIGH TEMPERATURES.
Reactions To Avoid: AVOID ALL POSSIBLE SOURCES OF IGNITION.
Incompatibility (Materials to avoid): STRONG OXIDIZING AGENTS.

Hazardous Decomposition or Byproducts: CO, CO₂
Hazardous Polymerization: WILL NOT OCCUR; HOWEVER, AVOID OPEN FLAMES AND HIGH TEMPERATURES.

SECTION VI - HEALTH HAZARD DATA

Inhalation: REPEATED INHALATION OF CONCENTRATION ABOVE PERMISSIBLE EXPOSURE LIMITS MAY RESULT IN SEVERE OR PERMANENT TOXIC EFFECTS.
Eye: MAY CAUSE SEVERE EYE IRRITATION, BURNING, BLURRED VISION.
Skin: PROLONGED OR REPEATED CONTACT CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
Oral: MAY RESULT IN SEVERE OR PERMANENT TOXIC EFFECTS.

First Aid:

Inhalation: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR; IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN; IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION IMMEDIATELY.
Eye Contact: FLUSH EYES WITH CLEAN WATER, HOLD EYELIDS APART AND FLUSH THE AFFECTED EYES(S) WITH CLEAN WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.
Skin Contact: CLEANSE AFFECTED AREA(S) WITH MILD SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
Ingestion: KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE.

Steps to be Taken in Case Material is Released or Spilled: KEEP AWAY FROM ALL SOURCES OF IGNITION AND HOT SURFACES. SPILLED MATERIAL MAY BE ABSORBED INTO ANY ABSORBANT MATERIAL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION AS CONDITIONS WARRANT. VENTILATE AREA TILL ODOR IS GONE.

Waste Disposal Method: CONSULT WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Precautions to be Taken in Handling and Storing: DO NOT EXPOSE TO SUNLIGHT OR ELEVATED TEMPERATURES TO PREVENT POSSIBLE BURSTING. USE IN WELL VENTILATED AREAS. USE AND STORE IN COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT, HOT SURFACES AND ALL SOURCES OF IGNITION. PROTECT CONTAINERS FROM PHYSICAL DAMAGE. INDOOR STORAGE SHOULD MEET OSHA STANDARDS AND APPROPRIATE CODES.

Other Precautions: AS WITH ANY CHEMICAL PREPARATION - USE ONLY AS DIRECTED AND WASH HANDS AFTER USE.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NOT NECESSARY UNLESS USED IN AN UNVENTILATED AREA OR IN HIGH CONCENTRATIONS (SEE EXPOSURE LIMITS, SECTION IV). IF EXCEEDED, A MECHANICAL OR SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation: PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: WEAR PROTECTIVE GLOVES TO PREVENT REPEATED OR PROLONGED CONTACT.

Eye Protection: WEAR SPLASH GOGGLES OR OTHER APPROPRIATE EYE PROTECTION.

Other Protective Clothing or Equipment: NO SPECIAL EQUIPMENT DEEMED NECESSARY UNDER NORMAL CONDITIONS.

Work/Hygienic Practices: AVOID BREATHING VAPORS AND CONTACT WITH SKIN OR EYES, USE ADEQUATE VENTILATION.

SECTION IX - SHIPPING CLASSIFICATION

Consumer commodity: ORM-D