



# MERCOFRAMES OPTICAL CORP

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## MATERIAL SAFETY DATA SHEET

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**MSDS NUMBER : CVLC**

**MSDS DATE : 03-14-99**

**PRODUCT NAME : CLEAR VIEW LENS CLEANER**

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FOR CHEMICAL EMERGENCY: Spill, Leak, Fire  
Exposure or Accident Call CHEMTREC- Day or  
Night: 1-800-424-9300

MSDS=====MSDS=====MSDS  
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION  
STANDARD) IMPORTANT: Read this MSDS before handling & disposing of this  
product. Pass this information on to employees, customers and users of this product.

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### SECTION 1 - PRODUCT IDENTIFICATION

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Trade name: CVLC  
CLEAR VIEW LENS CLEANER  
DOT Shipping name:  
Not regulated  
Chemical Family:  
Aqueous mixture  
DOT Hazard class:  
Not Regulated  
Co. ID No.:  
CLEAR VIEW LENS CLEANER  
CAS NO.:  
Mixture  
UN/NA#:  
NA 1999

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### SECTION 2 - HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

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HAZARDOUS INGREDIENTS	CAS # TLV/PEL	AGENCY	TYPE
IPA	67-63-0		anhydrous

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**SECTION 2A - SARA 313 LISTED CHEMICALS**

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LISTED INGREDIENTS                      CAS # WT. % RANGE  
NA

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**SECTION 3 - EMERGENCY AND FIRST AID PROCEDURES**

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**EYE CONTACT:**

Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact, hold eyelids apart for at least 15 minutes. Seek medical attention.

**SKIN CONTACT:**

Remove contaminated shoes and clothing, and cleanse affected areas thoroughly by washing with mild soap water. If irritation persists, seek medical attention.

**INHALATION (BREATHING):**

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

**INGESTION (SWALLOWING):**

Minimal toxicity. If swallowed, seek emergency medical attention. Do not give anything by mouth. Do induce vomiting. Seek immediate medical attention.

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**SECTION 4 - HEALTH HAZARDS / ROUTES OF ENTRY**

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**EYE CONTACT:**

One or more components of this material is an eye irritant. Direct contact with the liquid or exposure may cause stinging, tearing, redness or swelling.

**SKIN CONTACT:**

Chemical itself is not an irritant or sensitizer. Contact with this material may cause drying of the skin.

**SKIN ABSORPTION:**

Symptoms of toxicity are not anticipated by this route alone under normal conditions of use. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

**INHALATION (BREATHING):**

Dense vapor displaces breathing air in confined or unventilated areas. Inhaling concentrated vapors can cause drowsiness, headache, respiratory fatigue and depression.

**INGESTION (SWALLOWING):**

While this material has a low degree of toxicity, ingestion of large quantities may cause the following:

Irritation of the digestive tract.

Signs of nervous system depression, such as, headache, drowsiness, dizziness, loss of coordination, fatigue and nausea.

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**SECTION 4 - HEALTH HAZARDS / ROUTES OF ENTRY (cont'd)**

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**ASPIRATION HAZARD:**

Components of this material can enter the lungs during swallowing and cause lung inflammation and damage.

**TARGET ORGAN TOXIN:**

Central nervous system, respiratory system.

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**SECTION 5 - SPECIAL PROTECTION INFORMATION**

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**VENTILATION:**

If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see Section 2), additional ventilation or exhaust systems may be required. Check air for oxygen deficiency.

**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section 2).

**PROTECTIVE GLOVES:**

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

**EYE PROTECTION:**

Approved eye protection to safeguard against potential eye contact, irritation or injury is always recommended.

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**SECTION 6 - REACTIVITY DATA**

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**STABILITY:**

Stable

**INCOMPATIBILITY (MATERIALS TO AVOID):**

This product is incompatible with:

Strong acids or bases

Oxidizing agents

Selected amines

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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## SECTION 7 - SPILL OR LEAK PROCEDURES

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### PRECAUTIONS IN CASE OF LEAK OR SPILL:

Keep all sources of ignition and hot metal surfaces away from spill/release. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state and local agencies. If spill/release is in excess of EPA reportable quantity, immediately notify the National Response Center. (phone # 1-800-424-8802)

### WASTE DISPOSAL METHOD:

Dilute aqueous waste may biodegrade. Soil or water should not be designated RCRA hazardous waste. Dispose of in accordance with local, county, state and federal regulations.

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## SECTION 8 - STORAGE AND SPECIAL PRECAUTIONS

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### HANDLING AND STORAGE PRECAUTIONS:

Keep containers tightly closed, cool, dry and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks which contain or has contained this product, refer to OSHA or ANSI Z49.1 regulations and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

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## SECTION 9 - FIRE AND EXPLOSION HAZARD DATA

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### EXTINGUISHING MEDIA:

Extinguish with dry chemical, CO<sub>2</sub> or a universal type foam.

### FIRE AND EXPLOSION HAZARD:

May decompose during contact with flames or combustion engines. Container may explode if heated due to resulting pressure rise.

### FIRE FIGHTING PROCEDURES:

Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 5). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

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**SECTION 10 - PHYSICAL DATA**

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APPROXIMATE BOILING POINT (DEG F):  
205  
PERCENT VOLATILE:  
97  
SPECIFIC GRAVITY (68 f):  
0.986  
FLASH POINT, (TCC, DEG F):  
365  
RELATIVE EVAPORATION RATE (ESTIMATED):  
>1 (nBuOAC=1)  
PERCENT SOLUBILITY IN WATER (ESTIMATED):  
100  
VAPOR PRESSURE @68 F (ESTIMATED):  
5 mmHg

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**SECTION 11 - OTHER REGULATORY DATA**

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## SARA

SECTION 302: NONE  
SECTION 311,312: DELAYED  
SECTION 313: SEE SECTION 2A

## TSCA

ALL COMPONENTS ARE IN FULL COMPLIANCE WITH THE TSCA  
INVENTORY.

## RCRA

IF THIS MATERIAL BECOMES A WASTE, IT WOULD BE CLASSIFIED AS D001.

## CARCINOGENICITY

NOT LISTED UNDER IARC OR NTP.

## HMIS

HEALTH 1  
FLAMMABILITY 1  
REACTIVITY0

## CALIFORNIA PROPOSITION 65

THIS PRODUCT DOES NOT CONTAIN CHEMICALS KNOWN TO THE STATE  
OF CALIFORNIA TO CAUSE CANCER.

## CERCLA

NONE

PRODUCT: CLEAR VIEW LENS CLEANER

DATE OF ISSUE: 03/14/99