



# MATERIAL SAFETY DATA SHEET

## Fluorescent Gas Leak Detector

### I - PRODUCT IDENTIFICATION

**Company Name:** Nu-Calgon Wholesaler, Inc.  
**Address:** 2008 Altom Court, St. Louis, MO 63146-4151  
**Product Name:** Fluorescent Gas Leak Detector  
**Synonyms:** Bubble-Forming Liquid

**Tel No:** (314) 469-7000, (800) 554-5499  
**CHEMTREC:** (800) 424-9300  
**Product Number:** 4184

### II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
# Ethylene glycol (ORAL LD50 8.5mg/kg rat) # Ingredient subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372.	107-21-1	<40	50ppm ceiling (vapor)	NE

All ingredients are TSCA listed.

### III - PHYSICAL DATA

<b>Vapor Pressure:</b> mm Hg: Unknown	<b>Vapor Density (Air=1) 60-90° F:</b> Unknown
<b>Evaporation Rate:</b> (ether=1): Unknown	<b>VOC Content (% by wt.):</b> @85
<b>Solubility in H<sub>2</sub>O:</b> Complete	<b>pH @ Solution:</b> N/A
<b>Freezing Point °F:</b> N/A	<b>pH as Distributed:</b> 7.3 - 7.6
<b>Boiling Point °F:</b> Unknown	<b>Appearance:</b> Fluorescent green liquid
<b>Specific Gravity H<sub>2</sub>O=1 @25° C:</b> 1.085	<b>Odor:</b> Mild chemical odor

### IV - FIRE AND EXPLOSION

**Flash Point F:** >200°F **Flammable Limits:** Unknown  
**Extinguishing Media:** In case of fire, use CO<sub>2</sub> foam or dry chemical.  
**Special Fire Fighting Procedures:** Exercise caution when fighting any chemical fire. Respiratory protection is essential.  
**Unusual Fire and Explosion Hazards:** None known.

### V - REACTIVITY DATA

**Stability - Conditions to avoid:** Heat and open flame.  
**Incompatibility:** Can react violently with strong oxidizers, dehydrating agents such as sulfuric acid, acetic anhydride.  
**Hazardous Decomposition Products:** Carbon monoxide.  
**Conditions Contributing to Hazardous Polymerizations:** None known.

### VI - HEALTH HAZARD DATA

**EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),**  
**A. ACUTE (Primary Route of Exposure)** EYES: May cause eye irritation. SKIN: Essentially non - irritating. INGESTION: Harmful if swallowed. May cause nausea, dizziness, central nervous system damage, kidney disorders. INHALATION: Prolonged or repeated breathing of vapors may cause headache, nausea, dizziness.  
**B. SUBCHRONIC, CHRONIC, OTHER:** Repeated or prolonged inhalation of vapors may cause central nervous system damage. Repeated contact with skin may cause sensitization in some individuals. Ethylene glycol has cause birth defects in laboratory animals.  
**C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE :**

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## VII - EMERGENCY AND FIRST AID PROCEDURES

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**INHALATION:** Remove to fresh air.

**EYES:** Flush with plenty of water for at least 15 minutes. If irritation persists, call a physician.

**SKIN:** Wash area with soap and plenty of water.

**INGESTION:** If swallowed, call physician immediately. Give one or two glasses of water and induce vomiting by sticking finger down throat. Never give anything by mouth or attempt to induce vomiting in an unconscious person.

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## VIII - SPILL OR LEAK PROCEDURE

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**Spill Management:** Flush spill with water or wipe up and incinerate.

**Waste Disposal Methods:** Incinerate or flush to drain served by sanitary sewer in accordance with federal, state and local regulations.

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## IX - PROTECTION INFORMATION/CONTROL MEASURES

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**Respiratory:** Not normally required

**Eye Protection:** Avoid eye contact **Glove:** None required

**Other Clothing and Equipment:** None required.

**Ventilation:** Vapors are minimal at room temperatures. Normal room ventilation should be sufficient.

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## X - SPECIAL PRECAUTIONS

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**Precautions to be taken in Handling and Storing:** Avoid contact with eyes, skin and clothing. Avoid breathing mists or vapors. Wash thoroughly after handling.

**Additional Information:** Keep out of reach of children. Read and observe all labeled precautions.

### NFPA

Health Hazard ..... 2

Fire Hazard ..... 0

Reactivity ..... 0

Specific Hazard ...:

### HMIS RATING

Health Hazard ..... 2

Fire Hazard ..... 0

Reactivity ..... 0

Personal Protection ...: X (Sec. 9)

**Revision Date:** 03/10/2005

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