



# MATERIAL SAFETY DATA SHEET

<b>PRODUCT NAME:</b>	UltraTraceUV® (Fluorescent Diagnostic Smoke® Solution)	<b>DATE:</b> March 11,2009
<b>PRODUCT PART NUMBERS:</b>	P0716UV, GLDP0712UV, GLDP0708UV	

## SECTION 4 - FIRST AID MEASURES

<b>INHALATION:</b>	Inhalation at ambient temperatures is not commonly a problem. If overcome by excessive exposure to vapors, you should remove from exposure to well ventilated area. Some people may experience dizziness, drowsiness or nausea. If symptoms persist, consult a physician. It is always a good measure of precaution to avoid excessive inhalation of byproduct.
<b>EYES:</b>	Flush eyes with clean water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.
<b>SKIN:</b>	Remove any contaminated clothing and wash affected skin area with soap and warm water.
<b>INGESTION:</b>	<b>Do not induce vomiting</b> as a risk of aspiration exists with this petroleum based product. If ingested, the precaution is to call a physician and our emergency number immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>GENERAL HAZARDS:</b>	Combustible liquid Flash Point: 335-510°F (168-265°C). Distillation Range: 550-900° F (288-482° C). LEL:0.9% UEL: 7.0%
<b>EXTINGUISHING MEDIA:</b>	Water Spray (Fog), Foam, Dry Chemical and Carbon Dioxide.
<b>FIRE FIGHTING PROCEDURES:</b>	Cool exposed container with water. Use air-supplied (SCBA) breathing equipment for enclosed or confined spaces.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Do not store or mix base chemical with strong oxidants. Do not cut, drill, grind, or weld container, as this may cause explosion.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Carbon Monoxide, Soot, Smoke, Carbon Dioxide.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b>	Recover liquid, wash remainder with suitable petroleum solvent or add absorbent. As with all petroleum products, keep out of sewers and water courses. Advise authorities if ever any petroleum product has entered or may enter sewers or water courses
---	--

## SECTION 7 - HANDLING AND STORAGE

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Do not handle or store near heat, flames or strong oxidants.
---	--

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH			OSHA
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
<b>Non-Hazardous</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>

### PERSONAL PROTECTION

<b>RESPIRATORY PROTECTION:</b>	Use this product in a well ventilated area.
<b>PROTECTIVE GLOVES:</b>	Not required.
<b>EYE PROTECTION:</b>	Safety Glasses required.
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT:</b>	Eyewash station recommended.
<b>WORK / HYGIENIC PRACTICES:</b>	Wash with soap and water after using this product and before eating drinking or smoking.

# MATERIAL SAFETY DATA SHEET

<b>PRODUCT NAME:</b>	UltraTraceUV® (Fluorescent Diagnostic Smoke® Solution)	<b>DATE:</b> March 11, 2009
<b>PRODUCT PART NUMBERS:</b>	P0716UV, GLDP0712UV, GLDP0708UV	

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Colorless to Very Pale Amber. Mineral Oil Type Odor.	VAPOR PRESSURE <1.0 mm Hg @68°F
pH NA	SPECIFIC GRAVITY (WATER = 1) 0.87-0.89
BOILING RANGE/ DISTILLATION RANGE 550-900° F ( 288-482°C)	SOLUBILITY IN WATER Negligible
FLASH POINT 335-510°F (168-265°C)	VISCOSITY NE
FLAMMABLE LIMITS LEL: 0.90% UEL: 7.00%	VAPOR DENSITY (AIR = 1) >5
AUTOIGNITION TEMPERATURE NR	EVAPORATION RATE (WATER = 1) <0.01

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Excessive heat , sparks open flame, contact with oxidizers.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide, Soot, Smoke, Carbon Dioxide.	
HAZARDOUS POLYMERIZATION: Will not occur	CONDITIONS TO AVOID: None related to polymerization.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
<b>Not Hazardous/No Tox data available.</b>			

## SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available for this blended product, however discharge to watercourses as with all petroleum based products should be avoided.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**  
Avoid discharge to watercourses, dispose preferably by incineration at a properly permitted facility in accordance with all Local, Regional, State and Federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated	IATA HAZARD CLASS / Pack Group: Not regulated
DOT HAZARD CLASS / Pack Group: NA	IMDG HAZARD CLASS: Not regulated
REFERENCE: 49CFR	RID/ADR Dangerous Goods Code: NA
UN / NA IDENTIFICATION NUMBER: NA	UN TDG Class / Pack Group: NA
LABEL: NA	Hazard Identification Number (HIN): NA
HAZARD SYMBOLS: NA	

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

# MATERIAL SAFETY DATA SHEET

<b>PRODUCT NAME:</b>	<b>UltraTraceUV® (Fluorescent Diagnostic Smoke® Solution)</b>	<b>DATE:</b> March 11, 2009
<b>PRODUCT PART NUMBERS:</b>	P0716UV, GLDP0712UV, GLDP0708UV	

## SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act):		Listed	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):			
Acute Health:	NO	Chronic Health:	NO
Fire:	NO	Sudden Release of Pressure:	NO
Reactive:	NO		

<b>313 REPORTABLE INGREDIENTS:</b>	None reportable.		
CERCLA (USA - Comprehensive Response Compensation and Liability Act):	No RQ's listed.		
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:	None listed		
CPR (Canadian Controlled Products Regulations):	None listed		
IDL (Canadian Ingredient Disclosure List):	None listed		
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):	Ingredients listed on CDSL		
EINECS (European Inventory of Existing Commercial Chemical Substances):	Ingredients Referenced		
WGK Water Quality Index:	2		


RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
<b>None Listed</b>	<b>None required</b>	<b>None listed</b>

## SECTION 16 - OTHER INFORMATION

**Legend:**  
 NA = Not Applicable    NE = Not Established    NR = Not Reported (proprietary).

HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	1	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	None required.	3 = HIGH
			4 = EXTREME

**REVISION SUMMARY:**  
 Revised to GHS/EU protocols 02/04/2009 supersedes Rev 12/2008 issue. ---JTV---

<b>MSDS Prepared by:</b> ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com	
--	---

The information contained herein is believed to be accurate but is not warranted to be so. ChemTel Inc. assumes no responsibility for document alterations or additions after authorship and initial review excepting changes performed by ChemTel personnel. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. All questions regarding this product should be directed to the manufacturer of the product as described in Section 1.



25791 Commercentre Drive  
Lake Forest, CA 92630

Telephone: 949-448-4100  
Facsimile: 949-448-4111

## EMC VERIFICATION No. 3179331LAX-001g

### EQUIPMENT

**Type of equipment** Evaporate Emissions System Tester

**Model** GLD-40

**Company** Global Leak Detection Corp.

**Test Report No.** 3059793.011 (Intertek – Minnesota)

### Test Standard

#### Emissions

EN 61326:1997, Class B

#### Immunity

EN 61326:1997, Minimum Immunity Requirements

### Summary

The original EMC Verification No. 3059793.011 - 172 was issued from Intertek – Minnesota office. This verification 3179331LAX-001g reflects the changes of the company name and product model name. Refer to 3059793.011 for EMC test results details. We confirm that our review of the above number report without reasonable doubt will fulfill the requirements concerning electromagnetic compatibility according to the above-mentioned standard.

**Prepared by:** Martin Liu  
**Title:** Project Engineer

**Signature:**   
**Date:** April 30, 2009

**Reviewed by:** Chandresh Thakur  
**Title:** Engineering Manager

**Signature:**   
**Date:** April 30, 2009

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only the sample tested. This report by itself does not imply that the material, product or service is or has ever been under an Intertek certification program.