



## Material Safety Data Sheet

Date of Preparation: April 24, 2006

### Section 1 – Chemical Product and Company Identification

**Product Name:** UltraLite™ Universal Leak Detector Additive

**Part Numbers:** 900008 32 application bottle, 900012 ¼ oz dye packs, 900006B 24 application 1 oz bottle & 900012B ¼ oz bottles

**Product Use:** Used for detecting leaks in R12, R22, R134A and all other refrigerants

**Manufacturer:** Cliplight Manufacturing

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Toronto, ON M3J 2J1, Canada

**Telephone:** +1 416 736 9036 **Emergency Telephone:** +1 416 736 9036

### Section 2 – Composition/ Information on Ingredients

Ingredient Name	CAS No.	EC No.	Composition, wt%
Solvent naphtha (petroleum), heavy aromatic kerosene (unspecified)	64742-94-5	265-198-5	10%

### Section 3 – Hazards Identification

Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment. (R52/53)

Harmful: may cause lung damage if swallowed. (R65)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

See Section 16 for risk and safety phrases.

### Section 4 – Emergency and First Aid Procedures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### Section 5 – Fire Fighting Measures

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6 – Spill, Leak, and Disposal Procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### Section 7 – Handling and Storage

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed..

### Section 8 – Exposure Controls / Personal Protection

**Engineering measures:** The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing

#### Section 9 – Physical and Chemical Properties

**State:** Liquid

**Colour:** Yellow-brown

**Odour:** Aromatic

**Evaporation rate:** Slow

**Solubility in water:** Insoluble

**Flash point°C:** > 95

**Relative density:** 0.97

#### Section 10 – Stability and Reactivity

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

#### Section 11– Toxicological Information

**Hazardous ingredients:** Solvent naphtha (petroleum), heavy aromatic kerosene (unspecified): Oral (rat) LDLO – 5 ml/kg

**Routes of exposure:** Refer to section 3 for routes of exposure and corresponding symptoms.

#### Section 12– Ecological Information

**Mobility:** Insoluble in water. Floats on water.

**Persistence and degradability:** Photodegradable. Only slightly biodegradable.

**Bioaccumulative potential:** Serious bioaccumulation potential.

**Other adverse effects:** Toxic to aquatic organisms.

#### Section 13– Product Disposal

See section 6.

**Disposal operations:** D10 incineration on land.

**Disposal of packaging:** May be reused following decontamination.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

#### Section 14 –Transport Information

**UN no:** 3082 **ADR Class:** 9

**Packing group:** III **Classification code:** M6

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Contains C9 -C10 Alkylbenzenes)

**Labelling:** 9 **Hazard ID no:** 90

#### IMDG / IMO

**UN no:** 3082 **Class:** 9

**Packing group:** III **EmS:** F-A,S-F

**Marine pollutant:** Labelling: 9

#### IATA / ICAO

**UN no:** 3082 **Class:** 9

**Packing group:** III **Packing instructions:** 914

**Labelling:** 9

#### Section 15 –Regulatory Information

**Hazard symbols:** Xn: Harmful.

N: Dangerous for the environment

**Risk phrases:** R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

**Safety phrases:** S23: Do not breathe vapour

S24: Avoid contact with skin.

S25: Avoid contact with eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye protection.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**Water hazard class:** 2 Classification by VwVwS

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

#### Section 16 –Other Information

**Risk phrases:** R65: Harmful: may cause lung damage if swallowed.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Other information:** This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

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