

SAFETY DATA SHEET

UltraLite™ Universal Leak Detector Additive

Revision Date: May 7, 2015

Supersedes: February 11, 2013

Version: 3.1

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

Product Name: UltraLite™ Universal Leak Detector Additive

Part Numbers: 900005, 900006B, 900008, 900012, 900012B

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

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Section 2 – Hazards Identification

GHS Classification

This product is not classified as hazardous under the GHS, 29 CFR 1910.1200, WHMIS 2015 or (EC) No 1272/2008.

Precautionary statements:

P280 Wear protective gloves and eye protection.

Section 3 – Composition/Information on Ingredients

900005, 900006B, 900008, 900012

Ingredient Name	CAS No.	EC No.	Composition, wt%
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6	10 - 25

Remaining components of these products are not classified as hazardous under the GHS, 29 CFR 1910.1200, WHMIS 2015, or (EC) No 1272/2008.

900012B

The components of this product are not classified as hazardous under the GHS, 29 CFR 1910.1200, WHMIS 2015 or (EC) No 1272/2008.

Section 4 – First-Aid Measures

Inhalation

Supply fresh air; consult a doctor in case of complaints.

Skin contact

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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Ingestion

Do not induce vomiting; immediately call for medical help.

Other Symptoms

None known.

Section 5 – Fire-Fighting Measures**Extinguishing media**

Use foam, carbon dioxide, dry chemical, or water spray.

Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

Collect contaminated fire fighting water separately. Do not allow to enter the sewage system.

Advice for firefighters

Wear self-contained breathing apparatus as required. Wear protective clothing to prevent contact with skin and eyes.

Section 6 – Accidental Release Measures**Personal precautions**

Wear chemical-resistant gloves and chemical safety goggles or safety glasses with side shields. Since the product is a concentrated colourant, it is advisable to take extra care to avoid contact with the product.

Environmental precautions

Avoid runoff to sewers and waterways.

Methods and materials for containment and cleaning up

Ventilate the spill area. Absorb spill with inert material (e.g. dry sand, diatomite, sawdust) then place in a chemical waste container. Treat or dispose of waste material in accordance with all local, state, provincial, and national requirements.

Section 7 – Handling and Storage**Precautions for safe handling**

Use with adequate ventilation. Since the product is a concentrated colourant, it is advisable to take extra care to avoid contact with the product. Wear chemical-resistant gloves and chemical safety goggles or safety glasses with side shields. Dispense into dry containers only.

Conditions for safe storage

Store in a cool dry area. Store only in the original container. Keep closed at all times when not in use.

Section 8 – Exposure Controls/Personal Protection**Control Parameters****900005, 900006B, 900008, 900012**

Distillates (petroleum), hydrotreated light naphthenic	CAS No. 64742-53-6 EC No. 265-156-6	PEL Short-term value 10 mg/m ³ Long-term value 5 mg/m ³
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900012B

There are no workplace exposure limit values for components of this product.

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Engineering Controls

General room ventilation is expected to be sufficient for use of the product.

Protective Equipment

Use protective gloves and suitable protective clothing. Wear safety glasses with side shields or goggles. The product is a concentrated colourant and may stain skin and other articles.

Hygiene

Handle with care to avoid exposure. Wash thoroughly after handling.

Section 9 – Physical and Chemical Properties

	<u>900005, 900006B</u> <u>900008, 900012</u>	<u>900012B</u>
Appearance	Dark yellow liquid	Dark yellow liquid
Odour	Product characteristic	Mild
Odour threshold	No data available	No data available
pH	No data available	No data available
Freezing point	No data available	No data available
Boiling point	No data available	293°C (559°F)
Flash point	Will not flash	95°C (203°F)
Evaporation rate	No data available	No data available
Flammability or explosive limits	No data available	Not an explosion hazard
Vapour pressure	No data available	No data available
Vapour density	No data available	No data available
Density	0.97 g/cm ³ @ 20°C	No data available
Water Solubility	Insoluble	No data available
Partition coefficient: n-octanol/water	No data available	No data available
Auto-ignition temperature	No data available	Product is not self-igniting
Decomposition temperature	No data available	No data available
Viscosity	> 20 cSt @ 40°C	No data available

Section 10 – Stability and Reactivity**Reactivity**

Will not react under normal conditions.

Chemical stability

Stable under recommended conditions of storage and use.

Possibility of hazardous reactions

Unlikely

Conditions to avoid

None under ambient conditions.

Incompatible materials

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

In the case of a fire, carbon monoxide, carbon dioxide, fumes, and smoke will be produced.

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Section 11 – Toxicological Information

Skin irritation

May irritate skin.

Eye irritation

May irritate eye.

Sensitization

No sensitizing effects known.

Carcinogenicity

None of the components is listed as a carcinogen by the EPA, IARC or NTP.

Section 12 – Ecological Information

Ecotoxicity

Not known to be hazardous in water.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

None known.

Section 13 – Disposal Considerations

Product

Treat or dispose of waste material in accordance with all local, state, provincial, and national requirements.

Contaminated packaging

Dispose of as product.

Section 14 – Transport Information

DOT/IMDG/IACO/IATA/TDG

This product is non-regulated.

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Section 15 – Regulatory Information

All components of these products are listed in the U.S. Toxic Substances Control Act (TSCA) Inventory.

Canadian Domestic Substances List (DSL):

900005, 900006B, 900008, 900012: All components of these products are on the DSL except one (<10%) which is NDSL listed.

900012B: All components of this product is on the DSL except one (<20%) which is NDSL listed.

Australian Inventory of Chemical Substance (AICS):

900012B: One component is not listed (<20%). All other components of this product are on the AICS.

Other Products: One component is not listed (<10%). All other components of these products are on AICS.

A chemical safety assessment has not been carried out for these products.

Section 16 – Other Information

HMIS CLASSIFICATION

	<u>900005, 900006B</u> <u>900008, 900012</u>	<u>900012B</u>
Health	1	1
Flammability	1	0
Reactivity	0	0

Notes to this Revision

This SDS version 3.1 (May 7, 2015) has been updated from the previous North American version of April 20, 2012 and the European version 2.1 (February 11, 2013) to conform to the requirements of OSHA Hazard Communications Standard 2012, WHMIS 2015 and (EU) No 453/2010 from June 1, 2015. The SDS continues to meet requirements of the GHS.

Section 3 has been updated to provide new compositional information.

Section 8 has been updated to provide exposure control limit values.

Section 15 has been revised to include new regulatory information.

This section 16 contains revised HMIS classifications.

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.