

SAFETY DATA SHEET

UltraLite™ Radiator Coolant Leak Tracer Dye

Revision Date: May 7, 2015

Supersedes: February 12, 2013

Version: 3.1

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

Product Name: UltraLite™ Radiator Coolant Leak Tracer Dye

Part Numbers: 990002, 990005, 990006B, 990008, 990012, 990012B

Product Use: Radiator Coolant Leak Tracer Dye

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Section 2 – Hazards Identification

GHS Classification

These products are 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

The components of these products 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.

Ingestion

Rinse out mouth and then drink plenty of water. Induce vomiting and call for medical help.

Other Symptoms

None known.

SAFETY DATA SHEET

UltraLite™ Radiator Coolant Leak Tracer Dye

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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

Ensure good ventilation at the workplace. KEEP FROM FREEZING.

Conditions for safe storage

Store only in the original receptacle in a cool dry place. Protect from frost.

Section 8 – Exposure Controls/Personal Protection

Control Parameters

None of the components of this product have occupational exposure limit values.

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.

SAFETY DATA SHEET

UltraLite™ Radiator Coolant Leak Tracer Dye

Revision Date: May 7, 2015

Version: 3.1

Section 9 – Physical and Chemical Properties

	990002, 990005, 990008 <u>990012, 990012B</u>	<u>990006B</u>
Appearance	Amber liquid	Amber liquid
Odour	Odourless	Odourless
Odour threshold	No data available	No data available
pH	No data available	8.6-11 @ 20°C (68°F)
Freezing point	No data available	No data available
Boiling point	No data available	No data available
Flash point	Will not flash	Will not flash
Evaporation rate	No data available	No data available
Flammability or explosive limits	Not an explosion hazard	Not an explosion hazard
Vapour pressure	No data available	No data available
Vapour density	No data available	No data available
Density	No data available	1.27 g/cm ³ @ 20°C (68°F)
Water Solubility	Soluble	Soluble
Partition coefficient: n-octanol/water	No data available	No data available
Auto-ignition temperature	Product does not self-ignite	Product does not self-ignite
Decomposition temperature	No data available	No data available
Viscosity	No data available	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.

Section 11 – Toxicological Information**Acute toxicity**

Product has not been tested. Based on the known information of the ingredients, product is expected to have a low level of acute oral toxicity (Oral LD50 >2,000 mg/kg).

Skin irritation

May irritate skin.

SAFETY DATA SHEET

UltraLite™ Radiator Coolant Leak Tracer Dye

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Eye irritation

May cause irritation.

Sensitization

No sensitizing effects known.

Carcinogenicity

None of the components is listed as a carcinogen by the 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

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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.

Section 15 – Regulatory Information

All components of this product are listed in or exempt from the U.S. Toxic Substances Control Act (TSCA) Inventory.

All components of this product are on the Canadian Domestic Substances List (DSL).

All components of this product are on the Australian Inventory of Chemical Substances (AICS), except one that is present at about 15%.

A chemical safety assessment has not been carried out for this product.

SAFETY DATA SHEET

UltraLite™ Radiator Coolant Leak Tracer Dye

Revision Date: May 7, 2015

Version: 3.1

Section 16 – Other Information

HMIS CLASSIFICATION

	990002, 990005, 990008 <u>990012, 990012B</u>	<u>990006B</u>
Health Hazard	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 12, 2012 and the European version 2.1 (February 12, 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 9 has been expanded to include information for all products covered by this SDS.

Section 15 has been expanded to include further regulatory information.

No other changes have been made to the classification of the mixture, description of the product or to instructions for its safe use, transportation, handling and storage.

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 publication or 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.