

Product Data Sheet Glo-Leak 1390

Description

UV-Fluorescent leak test fluid for automotive cooling systems, water based.

Dosage rate in typical applications

Glo-Leak	System	
GL1390	Water based cooling systems	25ml / 3-5 litre

Physical and chemical properties (typical values)

Physical state	liquid
Colour	yellow-gold
Odour	None
pH	20°C, undiluted: 8.6-9.0
Boiling point/boiling range	>100 °C
Melting point/range	< 1°C
Flash point	Not known
Ignition temperature	Not known
Lower explosion limit	Not considered to have explosive properties
Upper explosion limit	Not considered to have explosive properties
Vapour pressure	18 mmHg (25°C)
Water solubility	Soluble in water
Relative density	Similar to water
Viscosity, dynamic	Similar to water
Evaporation rate	Similar to water
Peak fluorescent response	365 - 440nm
Recommended UV light sources Note: the better the light source the more effective will be the detection of leaks	Medium to high intensity UVA 365nm. Primalec refs. UV2100E 12V Piranha INV2020CV Invictalux Superbright UV UV1160A 230V Mercury

Protective clothing

For use of Glo-Leak 1390 in typical workshop applications and environments, it is considered adequate to wear normal workwear, but it is recommended to wear suitable protective gloves and either goggles or UV protective glasses. Primalec safetywear references:

SPKIT01 Safety Glove/ Goggle set 1 EN166/374/388
SP301UV UV Safety glasses, EN166/170, amber

Clean up:

A good quality solvent cleaner will remove spills and residues. Primalec cleaner degreaser reference:

GL1901 Glo-Klenz Bio-degradable cleaner and degreaser.

Standard Pack sizes:

25ml, 250ml, 1 litre, 5 litres. Single dose vials of Glo-Leak for Automotive are 25ml. 250ml Glo-Leak dispenser bottles have a 10ml measuring chamber. 1 Litre bottles have a 25ml measuring chamber.

Alternatives products:

GL1490 for large scale industrial applications