

Technical Data Sheet

Product Description

LENIUM RV Asphalt Extraction Solvent is a mixture based on n-propyl bromide (*n*PB) and stabilizers used to determine asphalt content and binder recovery. It has physical properties and solvency characteristics that are similar to traditional chlorinated solvents. It is an ideal replacement for 1,1,1- trichloroethane, trichloroethylene (TCE), and methylene chloride (MeCl) used in tests for asphalt content extraction and recovery methods (ASTM D 2172) and recovery of extracted binder (ASTM D 1856, ASTM D 5404).

Properties

Appearance	Clear Liquid
Specific Gravity (25°C)	1.32
Viscosity (25 °C)	0.49 cps
Vapor Pressure (20 °C)	110.8 mm Hg
Vapor Density (20 °C)	3.4
Flash Point	None
Boiling Point	160 °F (71 °C)
Specific Heat (25 °C)	0.27
Heat of Vaporization	58.8 cal/g
Kauri-Butanol (KB) Value	125
Flammability Limits (Vol %)	4-7.8

Environmental/Regulatory

Ozone Depletion Potential (ODP)	0.013-0.018
Global Warming Potential (GWP)	Low
Acceptable Exposure Limit (AEL)	25 ppm
National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Not regulated
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
Resource Conservation and Recovery Act (RCRA)	Not regulated
Permissible Exposure Limit (PEL, ACGIH)	0.1 ppm

Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Packaging

Available in 55 lb (25 kg) pails and 600 lb (272 kg) drums.

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C).

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Vantage Specialties, Inc.

3938 Porett Drive • Gurnee, Illinois 60031 USA • P +1 847 244 3410 • F +1 847 249 6346 • www.vantagegrp.com