



## SOLVENTS & PETROLEUM SERVICE

Experts in chemicals. Partners in business.

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### LPA® 142 Solvent Technical Data Sheet

#### Description

LPA® 142 Solvent is a high-purity mixture of hydro treated isoparaffins and naphthenic with very low levels of polynuclear aromatics. It is a clear liquid with a medium flash point and mild odor.

#### Applications

LPA® 142 Solvent may be used in a wide array of applications. Applications vary widely and include pesticide formulations, consumer products, lubricating oils, chemical process solvents, oilfied drilling fluids, degreasers, lamp oil, metal rolling oils, freeze point depressants, etc.

#### Regulatory Compliance

If this material is used in a consumer product or in certain other specific applications, some exemptions may apply. Please contact a sales representative for more information on particular FDA regulations or for solvent status as an LVP-VOC for consumer products.

Typical Properties	Method	LPA® 142 Solvent
Distillation Range, °F		
IBP		350
10%	ASTM D-86	380
90%		400
95%		404
EP		430
Flash Point, (Tag CC) °F	ASTM D-56	>142
Pour Point, °F	ASTM D-97	<-94
Specific Gravity 60°F/60°F	ASTM D-287	0.800 – 0.820
Density, lbs/gal @ 60°F	ASTM D-287	6.71
Average Molecular Weight	API	156
Aromatic - BTEX, ppm	EPA 8260B	ND*
Color, Saybolt Universal	ASTM D-156	>25
Relative Evaporative Rate (n-Butyl Acetate = 1)	ASTM D-3539	0.09
Vapor Pressure, torr @ 20°C	API, calc	0.34
Viscosity, cSt @20°C @ 40°C	ASTM D-445	1.8 1.3
Aniline Point, °F	ASTM D-611	154
Kauri-Butanol Value	ASTM D-1133	34
Solubility parameters, (MPa) <sup>1/2</sup>	Calculated	16
Bromine Number	ASTM D-1159	<0.2
Nitrogen, ppm		<1
Sulfur, ppm		<1
Water, ppm	Karl-Fischer	<50

\* - detection limit 36 ppb