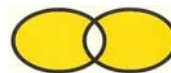


UniSource Energy, Inc.
Specialty Aliphatic Solvent
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® NP 1416 AS

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 1298	0.772
Gravity, °API @ 60°F	D 287	51.8
Density (Lb/Gal) @ 60°F	D 287	6.427
Color, Saybolt	D 156	+30
Viscosity		
SUS @ 100°F	D 88	34
cSt @ 40°C	D 445	2.5
GC Distillation Points, °F (°C)	D 86	
IBP		476 (246.7)
EP		530 (276.7)
Kauri Butanol	D 1133	21.3
Aniline point, °F (°C)	D 611	195 (90.6)
Flash point, TCC, °F (°C)	D 93	242 (116.7)
Sulfur, ppm		< 1
Aromatics, %, UV		< 0.5
GC, Wt. %, UV		
Normal Paraffins		97.5
C13 & lower		< 1
C14		50 - 80
C15		20 - 28
C16		7-Mar
C17+		< 3

Chemical Abstract #	90622-46-1 Mar-09
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*The values shown here are representative of current production.
Some are controlled by manufacturing specifications, while others are not.
All may vary within modest ranges.*