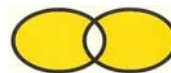


UniSource Energy, Inc.  
Specialty Aliphatic Solvent  
Typical Properties



Supplier Name	UNISOURCE
Product Name	UNIPAR® SH 275 MA

Test Description	ASTM NO.	
Specific Gravity @ 60°/60°F	D 4052	0.825
Gravity, °API @ 60°F		40.0
Density (Lb/Gal) @ 60°F		6.87
Color, Saybolt	D 156	+28
Viscosity		
SSU @ 100°F	D 2161	40.9
cSt @ 40°C	D 445	4.2
GC Distillation Points, °F (°C)	D 86	
IBP		530 (277)
5%		546 (285)
50%		572 (300)
95%		615 (324)
EP		623 (328)
Kauri Butanol	D 1133	22.5
Aniline point, °F (°C)	D 611	191 (88.3)
Flash point, °F (°C)	D 92	> 275 (135)
Pour point, °F (°C)	D 5949	15.8 (-9)
Sulfur, ppm	D 7039	< 50
Aromatics, Mass %		10.0

Chemical Abstract # 64742-46-7  
21 CFR 178.3620  
Jul-09

*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.*