



# Product Data Sheet

Revision Date: 01/09

## SYLVAPINE® A ALPHA-PINENE

**SYLVAPINE® A** is a clear, colorless liquid with a mild turpentine-like odor that is very high in alpha-pinene content. **SYLVAPINE® A** is miscible in alcohols and insoluble in water.

PROPERTIES	TYPICAL	SPECIFICATIONS
Optical Rotation <sup>1</sup> , Room Temperature	+20°	
Color, APHA <sup>2</sup>	11	20 Maximum
Distillation Range, C <sup>3</sup>		
First Drop	156	
97%	157	
Moisture, % <sup>4</sup>	<0.1	<0.1
Kauri-butanol Value <sup>5</sup>	68	
Composition: <sup>6</sup>		91 Minimum
Alpha-pinene, %	94	
Beta-pinene, %	4	
Other Terpenes, %	2	
Sulfur Content, ppm	37	
Specific Gravity, 15.5/15.5°C <sup>3</sup>	0.86	
Weight Per Gallon, 15°C, lb	7.19	
Refractive Index, 20°C <sup>3</sup>	1.466	
Flash Point, Closed Cup, °C(°F) <sup>7</sup>	29.4 °C(85 °F)	

### METHOD OF ANALYSIS:

1. Arizona Method – AQCM 185
2. ASTM D 1209-79
3. ASTM D 802-82
4. Arizona Method – AQCM 008
5. ASTM D 1133-86
6. By Gas Chromatography. Arizona Chemical Company method furnished upon request
7. Seta Flash Closed Cup

<b>Safety Information:</b>	<ul style="list-style-type: none"> <li>▪ Please refer to Material Safety Sheet #138</li> </ul>
<b>Suggested Applications:</b>	<ul style="list-style-type: none"> <li>▪ Intermediate in the manufacture of pine oils</li> <li>▪ Intermediate in the manufacture of camphene</li> <li>▪ Monomer for the production of polyterpene resins components</li> <li>▪ Intermediate in the manufacture of a wide variety of terpene-based aromatic compounds</li> </ul>
<b>Available Forms/ Packaging:</b>	<ul style="list-style-type: none"> <li>▪ Available in tank car, tank truck and unlined (tight-head) drums NET 392 lb.</li> </ul>
<b>Shipping Point:</b>	<ul style="list-style-type: none"> <li>▪ Panama City, Florida</li> </ul>



Technical Service: Savannah, GA (912) 238-6556  
Sales Service: Jacksonville, FL - (800) 733-1374

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