



# Product Data Sheet

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## SYLVATAL™ D25LR Distilled Tall Oil

SYLVATAL™ D25LR is a source of tall oil fatty acid having a very high tall oil rosins content. The utility of distilled tall oil fatty acid can be found in the long carbon chain (C18), acid function of the carboxyl group (-COOH), or unsaturation of the double bonds. Plus, the rosin acids content adds "cling" and binding properties to such products as: asphalt antistripping agents, metalworking fluids, and rubber compounds. The SYLVATAL™ D25LR derivatives are typically inexpensive soaps, amines, amides, and esters. The high rosin content in SYLVATAL™ D25LR will produce hard, water-resistant alkyd resins. These unique properties cannot be obtained with any other fatty acid type. In addition to the above-mentioned applications, SYLVATAL™ D25LR has found use in concrete form release agents, soaps, and cleaners.

### PRODUCT PROPERTIES

	Specifications	Typical Analysis
Color, Gardner, 1963	7 max.	4
Acid Value	183 min.	186
Titer, °C (°F)		2(35)
Composition:		
Moisture, %		<0.1
Ash, %		<0.01
Rosin Acids, %	24 - 27	26
Unsaponifiables, %		4.3
Fatty Acids Total, %		70
Nonvolatiles, %, 230°C		0.4
Specific Gravity, 25°/25°C		0.94
Weight Per Gallon, 25°C, lb./gal.		7.83
Viscosity, cp, 25°C		95
Flash Point, Closed Cup, °C (°F)		204 (400)

### METHODS OF ANALYSIS:

Consult Bulletin No. 6131, "Methods of Analysis for Arizona Chemical Company Tall Oil Fatty Acid Products".

#### SAFETY INFORMATION:

- Please refer to **Material Safety Data Sheet #1729**

#### AVAILABLE FORMS/PACKAGING:

- Available in tank car, tank truck and lined (tight-head) drums NET 435 lb.

#### SHIPPING POINTS:

- Panama City, FL

#### STORAGE AND HANDLING CONDITIONS:

- SYLVATAL™ D25LR does show a tendency to crystallize after holding for extended periods of time at ambient temperatures of  $\lambda$  25°C (77°F). This crystallization will be accelerated as the temperature drops below 25°C. For bulk storage and transport temperatures of 32-38°C (90-100°F) are preferred. If the product does crystallize, heat with low pressure steam to  $\lambda$  55-60°C (130-140 °F) with agitation to redissolve any precipitate and obtain a clear product.



Technical Service: Savannah, GA (912) 238-6556

Sales Service: Jacksonville, FL - (800) 733-1374

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