



Product Data Sheet

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SYLVATAL™ D40LR Distilled Tall Oil

SYLVATAL™ D40LR is a source of tall oil fatty acid having a 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™ D40LR** derivatives are typically soaps, amines, amides, and esters. The high rosin content in **SYLVATAL™ D40LR** 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™ D40LR** has found use in: oil field chemicals, concrete form release agents, and varnishes.

PRODUCT PROPERTIES

	Specifications	Typical Analysis
Color, Gardner, 1963	7 max.	4+
Acid Value	178 min.	181
Titer, °C (°F)		2(35)
Composition:		
Moisture, %		<0.1
Ash, %		<0.01
Rosin Acids, %	35 - 45	39
Unsaponifiables, %		2.8
Fatty Acids Total, %		58
Specific Gravity, 25°/25°C		0.95
Weight Per Gallon, 25°C, lb./gal.		7.89
Viscosity, cps, 50°C		180
Flash Point, Open 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:	<ul style="list-style-type: none"> Please refer to Material Safety Data Sheet #134
AVAILABLE FORMS/PACKAGING:	<ul style="list-style-type: none"> Available in tank car, tank truck and Lined (tight-head) drums NET 435 lb.
SHIPPING POINTS:	<ul style="list-style-type: none"> Panama City, FL
STORAGE AND HANDLING CONDITIONS:	<ul style="list-style-type: none"> SYLVATAL™ D40LR does show a tendency to crystallize after holding for extended periods of time at ambient temperatures of λ 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 λ 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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