



Product Data Sheet

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SYLVATAL™ FA-7001

SYLVATAL™ FA-7001 is a non-titering, fatty acid product containing approximately 75% dimer, trimer, and higher molecular-weight acids derived from the partial thermal polymerization of those unsaturated C₁₈ and C₂₀ fatty acids normally found in tall oil. The combination of difunctionality, long hydrocarbon chain, and low cost makes FA-7001 a cost-effective replacement for higher-priced dimer acids in the manufacture of many dimer acid-based derivatives. Applications include corrosion inhibitors, oil well drilling muds, degreasing compounds, polyamides vehicles, alkyd coating vehicles, epoxy potting resins and synthetic lubricants and greases.

Product Properties	Specifications	Typical Analysis
Color, Gardner, 1963		18+
Acid Value	120 - 140	123
Titer, °C		<0
Composition:		
Moisture, %		<0.1
Ash, %		<0.1
Higher Molecular Weight Acids		57
Rosin Acids, %		27
Unsaponifiables, %		6
C ₁₈ and C ₂₀ Monomeric Fatty Acids, %		10
Specific Gravity, 25°/25°C		0.97
Weight Per Gallon, 25°C, lb.		8.1
Viscosity, cP, 25°C		1600 - 2000
Flash Point, Closed Cup, °C (°F)		>93.3 (>200)

METHODS OF ANALYSIS:	<ul style="list-style-type: none"> 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 #561
AVAILABLE FORMS/PACKAGING:	<ul style="list-style-type: none"> Available in tank car, tank truck and unlined (tight-head) drums NET 425 lb.
SHIPPING POINTS:	<ul style="list-style-type: none"> Panama City, FL
STORAGE AND HANDLING CONDITIONS:	<ul style="list-style-type: none"> SYLVATAL™ FA7001 does show a tendency to crystallize after holding for extended periods of time at ambient temperatures of ~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 ~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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