



Product Data Sheet

Revision Date: 01/2011

SYLVABLEND™ FA-7002

Tall Oil

SYLVABLEND™ FA-7002 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-7002 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, alkyl coating vehicles, epoxy potting resins and synthetic lubricants and greases.

PRODUCT PROPERTIES

	Specifications	Typical Analysis
Color, Gardner, 1963		18+
Acid Value	140 - 160	143
Titer, °C		<0
Non-volatiles,%*		83
Residual Monomer, %		17
Composition:		
Moisture, %		<0.1
Ash, %		<0.01
Dimer Acids, %		45.7
Trimer & Higher Fatty Acids, %		26.2
Rosin Acids, %		17
Unsaponifiables, %		5
C ₁₈ and C ₂₀ Monomeric Fatty Acids, %		11.15
Dimer Acid/Trimer Acid & Higher Fatty Acid Ratio		2.6:1
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)		204 (400)

*Determined by microdistillation @200°C and 0.15mm Hg. Nonvolatiles consist primarily of dimers and trimers of C₁₈ fatty acids.

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 #562**

AVAILABLE FORMS/PACKAGING:

- Available in tank car, tank truck and unlined (tight-head) drums NET 425 lb.

SHIPPING POINTS:

- Panama City, FL



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

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