



Product Data Sheet

Rev: 2/6/06

SYLFAT®LS20LT Tall Oil Fatty Acid

SYLFAT®LS20LT is a tall oil fatty acid (TOFA) with a high fatty acid content and a low content of rosin acids and unsaponifiabiles. **SYLFAT®LS20LT** is refined from selected crude tall oil grades to achieve outstanding low temperature performance. The utility of **SYLFAT®LS20LT** can be found in the long carbon chain (C18), the acid function of carboxyl group (-COOH) and the unsaturation of the double bonds and the consistent low cloud point and pour point.

PRODUCT PROPERTIES	Specifications	Typical Analysis
Color, Gardner, 1963	3.0 – 5.0	4
Acid Value	194 Minimum	195
Saponification Value		196
Iodine Value (Wijs)		155
Cloud Point, °C	Maximum - 4	-6
Pour Point, °C		-12
Composition:		
Moisture, %		<0.1
Ash, %		<0.1
Rosin Acids, %		<1.0
Sulfur, ppm (Antec*)	See Below**	20- 24
Fatty Acids Total, %		97
Fatty Acid Composition:		
Linoleic, Nonconjugated, %		59
Linoleic, Conjugated, %		7
Oleic, %		28
Saturated, %		2
Other Fatty Acids, %		2
Saturated Fatty Acids	Maximum 2.5	2
Rosin Acids	1.0 – 2.0	1.8
Specific Gravity, 25°/25°C		0.897
Unsaponifiabiles	1.0 – 2.3	2.0
Weight Per Gallon, 25°C, lb		7.45
Viscosity, cp, 25°C		30
Flash Point, Open Cup, °C (°F)		>204 (>400)

METHODS OF ANALYSIS: Consult Bulletin No. 6131, “Methods of Analysis for Arizona Chemical Co. Tall Oil Fatty Acid Products”.

* Conforms with ASTM D5453-93 Method

** Preliminary specification established at less than 25 ppm Sulfur

Special handling maybe required insuring low Sulfur levels are maintained

SAFETY INFORMATION:	<ul style="list-style-type: none"> Please refer to Material Safety Data Sheet
AVAILABLE FORMS/PACKAGING:	<ul style="list-style-type: none"> Available in tank car, tank truck and lined (tight-head) drums NET 425 lb.
SHIPPING POINTS:	<ul style="list-style-type: none"> Savannah, Georgia



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

www.arizonachemical.com

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