



# Product Data Sheet

Rev: 2/6/06

## SYLFAT®LS20 Tall Oil Fatty Acid

SYLFAT® LS20 Tall Oil Fatty Acid is a low sulfur, low-rosin, tall oil fatty acid. The utility of tall oil fatty acid is found in its long carbon chain (C18), acid functionality (-COOH), and unsaturation in its double bonds. SYLFAT® LS20 is an ideal fatty acid for use in the preparation of low sulfur diesel lubricity improvers.

| PRODUCT PROPERTIES             | Specifications | Typical Analysis |
|--------------------------------|----------------|------------------|
| Color, Gardner, 1963           |                | 4                |
| Acid Value                     | 193 min.       | 197              |
| Saponification Value           |                | 200              |
| Iodine Value (Wijs)            |                | 130              |
| Titer, °C (°F)                 |                | 4 (39)           |
| Composition:                   |                |                  |
| Moisture, %                    |                | <0.1             |
| Ash, %                         |                | <0.1             |
| Rosin Acids, %                 |                | <1.0             |
| Sulfur, ppm ( Antec*)          | See Below**    | 20- 25           |
| Fatty Acids Total, %           |                | 97               |
| Fatty Acid Composition:        |                |                  |
| Linoleic, Nonconjugated, %     |                | 38               |
| Linoleic, Conjugated, %        |                | 7                |
| Oleic, %                       |                | 50               |
| Saturated, %                   |                | 2                |
| Other Fatty Acids, %           |                | 3                |
| Specific Gravity, 25°/25°C     |                | 0.897            |
| Weight Per Gallon, 25°C, lb    |                | 7.45             |
| Viscosity, cp, 25°C            |                | 20               |
| 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”.

\* 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:

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

### AVAILABLE FORMS/PACKAGING:

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

### SHIPPING POINTS:

- Panama City, and Port St Joe, Florida & Savannah, Georgia



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

[www.arizonachemical.com](http://www.arizonachemical.com)

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