



# Product Data Sheet

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## SYLFAT™ FA1 Special Tall Oil Fatty Acid

**SYLFAT™ FA1 Special** was developed to combine the good properties of both **SYLFAT™ FA1** and **FA2**. **SYLFAT FA1™ Special** is lighter in color and has a lower rosin acids content than **SYLFAT™ FA1**. This tall oil fatty acid has found use in the production of: metalworking fluids, lubricant additives, alkyd resins, oil field chemicals, asphalt emulsifiers, specialty industrial and household cleaners, plasticizers, and textile drawing lubricants.

### PRODUCT PROPERTIES

	<u>Specifications</u>	<u>Typical Analysis</u>
Color, Gardner, 1963	5 max.	4+
Acid Value	193 min.	194
Saponification Value		198
Iodine Value (Wijs)		131
Titer, oC (oF)		7 (45)
Composition:		
Moisture, %		<0.1
Ash, %		<0.01
Rosin Acids, %	3.0 max.	2.0
Unsaponifiables, %		2.0
Fatty Acids Total, %		95.8
Fatty Acid Composition:		
Linoleic, Nonconjugated, %		35
Linoleic, Conjugated, %		9
Oleic, %		47
Saturated, %		3
Other, Fatty Acids, %		6
Specific Gravity, 25°/25°C		0.90
Weight Per Gallon, 25°C, lb		7.50
Viscosity, cP, 25°C		20
Flash Point, Open Cup, °C (°F)		204 (400)

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Other Information: SYLFAT™ FA1 Special is kosher certified by the Orthodox Union

A letter of Certification will be provided upon request.



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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