KRATON

SYLFAT™ FA2 Tall Oil Fatty Acid

PRODUCT DATA SHEET

SYLFAT FA2 Tall Oil Fatty Acid (TOFA) combines a long carbon chain (C18) of relatively high unsaturation with the acid functionality of a carboxyl group (-COOH).

FEATURES:

- Lower color than SYLFAT FA1
- C18 monocarboxylic acid functionality
- Low rosin acid content
- Reactive polyunsaturation
- SYLFAT FA2 tall oil fatty acid contains 100% USDA certified biobased content

POTENTIAL APPLICATIONS

- Alkyd Resins
- Dimer Acids
- Oilfield chemicals
- Asphalt emulsifiers
- Lubricant additives
- Metalworking fluids
- Plasticizers
- Textile drawing lubricants
- Specialty industrial and household cleaners

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number(mgKOH/g)	AQCM 001	195 - 205	196
Color, Gardner	AQCM 002	4 Maximum	3
Rosin Acids (%)	AQCM 010	1 Maximum	0.8

*Kraton test methods are available upon request

TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Unsaponifiables (%)	AQCM 011	1.3
Iodine Number	AQCM 009	125

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SOLUBILITY	SYLFAT™ FA2 tall oil fatty acid is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	SYLFAT FA2 tall oil fatty acid is compatible with other liquid fatty acid and vegetable oils.
PACKAGING	SYLFAT FA2 tall oil fatty acid is delivered as liquid in 420 lb net steel drums or as bulk in totes, tank trucks, or tank cars (as available).
STORAGE RECOMMENDATION	SYLFAT FA2 Tall Oil Fatty Acid should be stored dry and below 77 °F, (25 °C) and away from direct sunlight. The product must be retested after longer storage to ensure the properties are within specification limits. Since color changes of >1 Gardner unit can be seen over time due to oxygen or heat exposure, testing of product in applications sensitive to color is recommended prior to use. If precipitation occurs, it does not affect the use of the product as a chemical raw material. Slight heating to about 104 °F, (40 °C) dissolves the precipitated material.

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.