

## SYLVATAL™ 20S Distilled Tall Oil

### PRODUCT DATA SHEET

SYLVATAL 20S Distilled Tall Oil (DTO), with a 20% rosin acid content, combines the advantages of fatty acids and rosin acids.

#### FEATURES:

- Fluid at room temperature
- Low saturated fatty acid content
- Monocarboxylic acid functionality
- SYLVATAL 20S distilled tall oil contains 100% USDA certified biobased content

#### POTENTIAL APPLICATIONS:

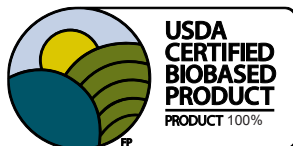
- Metal working fluids
- Oilfield chemicals
- Soaps and cleaners
- Alkyd resins
- Varnishes

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number (mg KOH/g)	AQCM 001	Min 186	192
Colour, Gardner, Photometer	AQCM 002	Max 7.0	4.9
Free Rosin Acids (%)	AQCM 010	18 – 22	20
Unsaponifiables (%)	AQCM 011	Max 3.5	1.6

\*Kraton test methods are available upon request

<b>SOLUBILITY</b>	SYLVATAL™ 20S Distilled Tall Oil is <u>soluble</u> in alcohols, aromatics, esters and ketones, and <u>insoluble</u> in water.
<b>COMPATIBILITY</b>	SYLVATAL 20S Distilled Tall Oil is compatible with other liquid fatty acids and vegetable oils.
<b>PACKAGING</b>	SYLVATAL 20S Distilled Tall Oil is delivered as a liquid in tank trucks or ISO containers. Typical bulk delivery temperature is 25 – 40 °C (77 – 104 °F).
<b>STORAGE RECOMMENDATION</b>	SYLVATAL 20S Distilled Tall Oil should be stored dry and below 25 °C (77 °F), and away from direct sunlight.  This product has a tendency to crystallize after holding for extended periods of time at ambient temperatures of 25 °C (77 °F) or lower. If precipitation occurs, it does not affect the use of the product as a chemical raw material. Slight heating to about 40 °C (104 °F) dissolves the precipitated material.



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

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