

SYLVATAL™ 10S Distilled Tall Oil

PRODUCT DATA SHEET

SYLVATAL 10S Distilled Tall Oil (DTO), with a 10% 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 10S distilled tall oil contains 100% USDA certified biobased content

POTENTIAL APPLICATIONS:

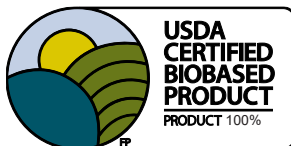
- Metal working fluids
- Oilfield chemicals
- Soaps and cleaners
- Alkyd resins
- Varnishes

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number (mg KOH/g)	AQCM 001	Min 188	194
Colour, Gardner, Photometer	AQCM 002	Max 6.0	4.6
Free Rosin Acids (%)	AQCM 010	9 – 11	10
Unsaponifiables (%)	AQCM 011	Max 3.3	1.2

*Kraton test methods are available upon request

SOLUBILITY	SYLVATAL™ 10S Distilled Tall Oil is <u>soluble</u> in alcohols, aromatics, esters and ketones, and <u>insoluble</u> in water.
COMPATIBILITY	SYLVATAL 10S Distilled Tall Oil is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	SYLVATAL 10S Distilled Tall Oil is delivered as a liquid in tank trucks, ISO containers or IBC's (as available). Typical bulk delivery temperature is 25 – 40 °C (77 – 104 °F).
STORAGE RECOMMENDATION	SYLVATAL 10S 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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