

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

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, IBC's or steel drums (as available). Typical bulk delivery temperature is 25 – 40 °C (77 – 104 °F). |
| STORAGE RECOMMENDATION | <p>SYLVATAL 10S Distilled Tall Oil should be stored dry and below 25 °C (77 °F), and away from direct sunlight.</p> <p>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.</p> <p>Under correct conditions SYLVATAL 10S Distilled Tall Oil should have a shelf life of at least 12 months from the date of production.</p> |

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