



SierraSulf TO

OVERVIEW:

Sulfated Tall Oil is a versatile, bio-based anionic surfactant with applications across multiple industrial sectors. SierraSulf TO is made from Ascent's unique sulfation process using sulfuric acid to react across the double bonds. Tall oil fatty acid (TOFA) is not soluble in water but after sulfation becomes water soluble / dispersible. Its unique combination of emulsification and dispersing properties makes it a valuable ingredient.

CHEMICAL NAME: Sulfated Tall Oil

FUNCTIONS: Emulsifier, Lubricant

SPECIFICATIONS:

Appearance:	Clear Amber Liquid - Warm
% Solids:	66-70
% Free Fatty Acid as Oleic:	0-45
5% pH:	5.7-6.5
30% Emulsion:	Stable Emulsion
%SO₃-Dry Weight:	7.0-10.0

MARKET APPLICATIONS:

- Metal Working Fluid- Emulsifier, lubricant, dispersant
- Chemical Manufacturing- Defoamer
- HI&I- Lubricant, emulsifier, cleaner and surfactant for detergents and cleaners
- Pulp & Paper- Lubricant, emulsifier
- Textiles- Lubricant, emulsifier

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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