

**Technical Bulletin****TERMUL<sup>®</sup> 5500 Surfactant**  
(SURFONIC<sup>®</sup> LPP L4-29X Surfactant)**PRODUCT DESCRIPTION**

TERMUL<sup>®</sup> 5500 surfactant is a high molecular weight alkoxyolate of butanol. This product is a hazy viscous liquid at room temperature.

**APPLICATIONS**

- Emulsifier for Agricultural Applications

**SALES SPECIFICATIONS**

<b>Property</b>	<b>Specifications</b>	<b>Test Method*</b>
Appearance at 25°C	Cloudy liquid, free of suspended matter	ST-30.1
Cloud point, °C (1% in 10% NaCl)	45 - 55	ST-9.1, 5.2.3
pH, 1% V/V solution	5.0 - 7.0	ST-31.36, C
Water, wt%	0.2 max.	ST-31.53, 5
Hydroxyl number, corrected, mg KOH/g	17.0 - 19.0	ST-31.39 or correlation
Pour point, °F	69.0 max.	ST-30.58, O

\*Methods of Test are available from Huntsman Corporation upon request.

**TYPICAL PROPERTIES****Chemical Properties**

Water Solubility Soluble

**Regulatory Information**

40 CFR 180 Approved  
DOT/TDG Classification Not Regulated  
HMIS Code 0-1-0  
CAS Number 9038-95-3  
TSCA Inventory Yes  
WHMIS Classification Not Regulated  
Canadian DSL Yes

**Physical Properties**

Flash point, PMCC, °F 410  
Flash point, PMCC, °C 210  
Density, g/ml at 20°C (68°F) 1.05  
Weight, lbs/US gal at 20°C (68°F) 8.75  
Viscosity, kinematic  
cSt at 40°C (104°F) 596

**TOXICITY AND SAFETY**

For information on the toxicity and safe handling of this product, please read the Material Safety Data Sheet prior to use of the product.

**HANDLING AND STORAGE**

TERMUL<sup>®</sup> 5500 surfactant may be satisfactorily stored in carbon steel tanks using steel pipes and pumps although 304 or 316 stainless steel is recommended. If carbon steel is used, caution must be exercised to keep the material in the anhydrous state to prevent severe corrosion to the carbon steel tank and related equipment. A drier on the breathing nozzle is recommended to help maintain anhydrous conditions in the storage tank.

For longer term color stability, it is recommended that the product be stored under an inert atmosphere. Solid sediment may form upon standing. There should be circulation in the storage vessel to keep solids suspended.

Low pressure steam coils in storage tanks and steam tracing of transfer lines should be provided.

**SHIPPING DATA**

Product is available in tank cars, tank trucks and drums of 456 pounds (206 kilograms) net weight. Small samples are available by contacting our sample department at 1-800-662-0924.

**Huntsman Corporation  
Business Offices**  
10003 Woodloch Forest Dr.  
The Woodlands, TX 77380  
(281) 719-6000

**Huntsman Advanced Technology  
Center  
Technical Service**  
8600 Gosling Rd.  
The Woodlands, TX 77381  
(281) 719-7780

**Samples 1-800-662-0924**

**www.huntsman.com**

3715-1107

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