

Technical Bulletin

TERWET[®] 3001 Surfactant

PRODUCT DESCRIPTION

TERWET[®] 3001 surfactant is an agricultural adjuvant with exceptional electrolyte tolerance. This alkylpolysaccharide product, which is a dark viscous liquid at room temperature, is soluble in water and in aqueous solutions of most common electrolytes. It is insoluble in mineral oils, vegetable oils and paraffinic solvents.

APPLICATIONS

- Wetting synergist in agricultural formulations

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance at 25°C	Dark viscous liquid	ST-30.1
Color, Gardner, 20% solution	Report	ST-30.13
pH, 1% aqueous	4.5 - 7.5	ST-31.36, C
Water, wt%	28 - 32	ST-31.53

*Methods of Test are available upon request.

TYPICAL PROPERTIES

<u>Chemical Properties</u>		<u>Physical Properties</u>	
Water Solubility	Soluble	Flash point, °C	>100
Residual Alcohol, wt%	<3	Flash point, °F	>212
		Pour point, °C	<0
		Pour point, °F	<32
		Density, g/ml at 25°C (77°F)	1.15
		Weight, lbs/US gal at 25°C (77°F)	9.59
		Viscosity, Brookfield, cps at 20°C	2250



TOXICITY AND SAFETY

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

HANDLING AND STORAGE

TERWET® 3001 surfactant may be satisfactorily stored in corrosion-resistant containers such as stainless steel tanks or lined steel drums.

For longer term color stability, it is recommended that the product be stored under an inert atmosphere. There should be circulation in the storage vessel to keep the product homogeneous.

Low pressure steam coils in storage tanks and steam tracing of transfer lines should be provided in cases where low environmental temperatures may make pumping of the product difficult.

SHIPPING DATA

Small samples can be obtained by contacting any Indorama Ventures sales office.

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