



## **SYNSUL™ 445N** **Synthetic Sodium Sulfonate**

### **GENERAL DESCRIPTION**

Synsul™ 445N is a medium molecular weight sodium sulfonate derived from a specialty alkylate to ensure consistent performance quality. This product is easily formulated into soluble oil bases, semi-synthetic fluids and other metalworking compounds as an emulsifier and rust inhibitor.

### **TYPICAL PROPERTIES (NOT SPECIFICATIONS)**

		<b>445N</b>
Sodium Sulfonate, Wt. %	ASTM D3712	61
Average Molecular Weight	ASTM D3712	445
Specific Gravity @ 15.6°C	ASTM D1298	1.03
Density, Pounds per Gallon @ 15.6°C	ASTM D1250	8.6
Water, Wt. %	ASTM D95	<5.0
Solubility in Water	Visual	dispersible
pH (10% Solution)	ASTM E70	7
Appearance	Visual	Dark Amber/Clear

### **APPLICATIONS**

Major functions performed by Synsul™ 445N include emulsification and dispersion of liquids, inhibition of rust and corrosion, wetting, and dispersion of liquid/solid systems. Synsul™ 445N can be used in soluble cutting oils, textile oils, cleaning compounds, drawing compounds, emulsions, fat splitting, ore flotation, printing inks, paint manufacture, pigment manufacture, spray oil emulsifiers, and many others.

### **AVAILABILITY**

Synsul™ 445N is available in 55-Gallon Drums.

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