

SYNSUL™ NA SERIES

Synthetic Sodium Sulfonates

GENERAL DESCRIPTION

Synsul™ NA is a series of synthetic sodium sulfonates of various molecular weights. These products are carefully and selectively manufactured to ensure consistent quality with little variation from batch to batch. The lower molecular weight products, Synsul™ NA 420 and Synsul™ NA 450, have good affinity for water making them excellent components in emulsifier packages. The higher molecular weight products, Synsul™ NA 480, and Synsul™ NA 535, have less affinity for water thereby imparting rust and corrosion inhibiting characteristics. The advantages of these products include lower viscosity for ease of handling, lighter color, and greater batch-to-batch consistency.

TYPICAL PROPERTIES (NOT SPECIFICATIONS)

		NA 420	NA 450	NA 480	NA 535
Sodium Sulfonate, Wt. %	ASTM D3712	62	61	61	61
Average Molecular Weight	ASTM D3712	420	450	480	535
Inorganic Salts, Wt. %	ASTM D3712	0.30	0.30	0.10	0.20
Water, Wt. %	ASTM D95	4.0	4.0	1.5	2.5
Color, Dilute	ASTM D1500	5.0	5.0	4.0	5.0
Specific Gravity @ 15.6°C	ASTM D4052	1.02	1.02	1.00	0.99
Density, Pounds per Gallon @ 15.6°C	ASTM D1250	8.5	8.5	8.3	8.2

APPLICATIONS

Major functions performed by the Synsul™ NA Series include emulsification, inhibition of rust and corrosion, wetting, and dispersion of liquid/solid systems. Sodium sulfonates are major components used in oil soluble and emulsifiable cutting oils, textile oils, cleaning compounds, drawing compounds, fat splitting, ore flotation, printing inks, paint manufacture, pigment manufacture, spray oil emulsifiers, and many other applications.

AVAILABILITY

Synsul™ NA Sodium Sulfonates are available in Bulk Shipments, Totes, and 55-Gallon Drums.

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