

SULFON™ 97

Oleum Sulfonated High Molecular Weight Sulfonic Acid

GENERAL DESCRIPTION

Sulfon™ 97 is a highly active, light colored sulfonic acid produced from oleum sulfonation of a proprietary alkylate that is essentially LAB-free. Sulfon™ 97 is recommended as an intermediate for the manufacture of oil soluble metallic sulfonates where exceptional water displacement is critical. The sulfonates produced from Sulfon™ 97 exhibit low odor and excellent rust and corrosion inhibiting characteristics. They are generally compatible with a variety of basestocks and impart superior detergent and dispersant properties.

TYPICAL PROPERTIES (NOT SPECIFICATIONS)

| | | Sulfon™ 97 |
|-------------------------------------|------------|-------------------|
| Sulfonic Acid, Wt. % | ASTM D3673 | 95 |
| Total Acid Number, mEq/g | ASTM D974 | 2.00 |
| Free Acid, Wt. % | ASTM D974 | 0.80 |
| Density, Pounds per Gallon @ 15.6°C | ASTM D1250 | 8.1 |
| Specific Gravity @ 15.6°C | ASTM D1298 | 0.97 |
| Average Molecular Weight | ASTM D3712 | 490 |

APPLICATIONS

Sulfon™ 97 is used to manufacture metallic sulfonates with high molecular weights. Such products will exhibit excellent corrosion inhibiting characteristics along with strong hydrophobic characteristics; therefore, it is an excellent choice for making rust preventive compounds. When neutralized with amine, ashless sulfonates can also be produced.

AVAILABILITY

Sulfon™ 97 is available in Rail Cars, Tank Trucks, and Totes.

10-28-2019