



SierraSurf 300 MO

OVERVIEW:

SierraSurf 300 MO is a nonionic surfactant made from the reaction of PEG 300 with Oleic Acid. The resulting ester is a versatile surfactant that can be used as an emulsifier, lubricant, and emollient. SierraSurf 300 MO has an HLB of approximately 8, is anhydrous, soluble in most oils, and is less hazardous for human contact and environmentally than other types of nonionic surfactants.

CHEMICAL NAME: PEG, Oleic Acid

FUNCTIONS: Surfactant, Emulsifier, Emollient, Lubricant

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|---------------------------|------------------------------|
| SPECIFICATIONS: | Clear to Slightly Hazy Straw |
| Appearance: | Liquid 1 max |
| Gardner Color: | 6.5-7.5 |
| PH (5% Sol.): | Translucent Emulsion |
| Emulsification 5%: | 0.0 to 2.0 |
| % Free Fatty Acid: | |

MARKET APPLICATIONS:

- Personal Care - Surfactant, emulsifier, thickener, emollient for hair and skin care.
- Paints and Inks - Emulsifier and thickener for paints and inks.
- Agriculture - Emulsifier and surfactant for pesticides.
- HI&I - Emulsifier and surfactant for industrial cleaners.
- Polymers - Plasticizer and anti-static for plastic films and polymer production.
- Textiles - Process aid for textile processing, defoamer for lubricants.
- Lubricants - Surfactant for lubricants
- Metal Working Fluid - Emulsifier and defoamer for metal working fluids.

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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