SierraSurf 400 MO

OVERVIEW:

SierraSurf 400 MO is a nonionic surfactant made from the reaction of PEG 400 with Vegetable based Oleic Acid. The resulting ester is a versatile surfactant that can be used as an emulsifier, lubricant, and emollient. SierraSurf 400 MO has an HLB of 12, 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, Lubricant, Emmolient

SPECIFICATIONS:

Appearance:	Clear to Slightly Hazy Yellow
Gardner Color:	Liquid 1-4
5% pH:	5.5-7.0
% Moisture-Karl Fisch:	0.0-1.0
5% Emulsification:	Forms Translucent Emulsion
% Free Fatty Acid as Oleic:	0.0-2.0
Saponification Value:	80.0-87.0

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