SierraSulf SCO R-75

OVERVIEW: SierraSulf SCO R-75 is manufactured using Ascent Chemical's exclusive sulfation process. Castor oil is a consistent and all-natural chemical feedstock and the Ascent technique of sulfation across the double bonds is a time proven process. The resulting surfactant is a highly versatile, green chemistry, surfactant with numerous industrial uses and formulation possibilities.

CHEMICAL NAME: Sulfated Castor Oil 75%

FUNCTIONS: Surfactant, Wetting Agent, Emulsifier

SPECIFICATIONS:

Appearance:	Clear Amber
5% pH, DI:	Liquid 7.0-7.5
% Solids:	74-76
Gardner Color:	6-11
%SO3 Dry WT Basis:	4.5-7.0
% Free Fatty Acid:	10.00-19.00
Titer Point:	< 4.5C
Solubility 1% & 30% @25C:	Soluble

MARKET APPLICATIONS:

- Soaps and detergents: natural alternative to synthetic detergents, formulation additive
- Oil and Gas: drilling lube to reduce torque and drag
- Metal Working: as a water rinsing lubricant, formulation additive & emulsifier
- Textile Auxiliary: leveling agent for acid, direct and disperse dyes. Dyebath lube and fiber lube.
- Leather Processing: softener and processing aid
- Agriculture: an emulsifier for oil-based pesticides and biocides, adjuvant, overspray control
- Paint & Coatings: de-foaming agent, suspension aid, wetting agent, renewable content additive.

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS