



## SierraSulf SCO 70

**OVERVIEW:** SierraSulf SCO 70 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 70%

**FUNCTIONS:** Surfactant

### SPECIFICATIONS:

<b>Appearance:</b>	Clear Amber
<b>% Solids:</b>	Liquid 69-71
<b>% Moisture:</b>	29-31
<b>pH 2% DI H<sub>2</sub>O:</b>	6.5-8.5
<b>Solubility-10%-30%:</b>	soluble
<b>Gardner Color:</b>	1-11
<b>%SO<sub>3</sub>-Dry WT Basis:</b>	6-10

### TYPICAL PROPERTIES:

**Specific Gravity:** 1.05 g/ml

### MARKET APPLICATIONS:

- Textile – dispersant, lubricant in textile dyeing
- HI&I – Surfactant in home and industrial cleaners, soaps and detergents
- Leather – dispersant for leather dyeing

### SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

**DISCLAIMER:** The information contained herein is believed to be accurate as of the date provided, but Ascent Chemicals (and its subsidiaries or affiliates) makes no guarantees or warranties of any kind, express or implied, as to the accuracy of the information or the use of the product. Because of the variations in methods, conditions, and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for any particular application. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself.

[www.ascentchem.com](http://www.ascentchem.com)