



PURE CHEM PRODUCTS PVT LTD

SULPHONATED CASTOR OIL (TRO) -TDS

Page -1-1

Technical Literature & Product Specification of Sulphonated Castor Oil (Turkey Red Oil)

PRODUCT- SULPHONATED CASTOR OIL (TRO)

Sulfated (or) Sulphonated Castor Oil is a Castor Oil that has been treated so that it is fully dispersible in water thus making it perfect for both oil it is also called Turkey Red Oil.

APPLICATION

Sulfonated Castor Oil is used in formulating lubricants, Softeners and dyeing assistants. Being an anionic surfactant it is an active wetting agent (Capable of reducing the surface tension of a liquid in which it is dissolved). It is extensively used in dyeing and in finishing of cotton and linen. It is an excellent carrier of pigment and dyes.

Sulfonated Castor Oil is of medium viscosity and is used in bath oil recipes along with fragrance or essential oil (Or in shampoos).

Sulfonated Castor Oil is also used in agriculture as organic manure, in paper industry for defoaming, in pharmaceuticals as a decylate, in paints, inks, softeners and in lubricants since it is compatible with synthetic fat liquor.

It is used along with synthetic fat liquor extra softeners and wetting properties.



PURE CHEM PRODUCTS PVT LTD

SULPHONATED CASTOR OIL (TRO) -TDS

Page -1-1

CHEMICAL AND PHYSICAL PROPERTIES AND SPECIFICATION

S.NO	PARAMETRES	PROPERTIES
1	CAS Molecular	8002-33-3
2	Appearance	Brownish Yellow Oil
3	Specific gravity	1.09 ± 0.01
4	Melting Point	< 0°C
5	Boiling Point	>150°C
6	Chemical Character	Anionic
7	pH	7.00-8.00
8	Solids	78.00-80.00
9	Sulfonation Degree	Minimum 3.0
10	Solubility	Miscible in water giving Milky Emulsion.