

SPHARD-85-TECHNICAL DATA SHEET**SORBITAN TRI OLEATE (STO)**

It is a mixture of partial Esters of Sorbitol and its di and tri anhydrides with commercial Oleic Acid.
There are 2 grades of SPHARD-85 with different fatty acid compositions offered per application.

Specifications:

Product	SPHARD-85 (STD)	SPHARD-85 (HG)
Appearance	Clear amber liquid	Clear yellow to amber liquid
Colour (Lovibond)	12 G Max	8 G Max
Acid Value	15 Max	
SAP Value	170–190	
OH Value	55–75	
Viscosity @25°C	200–300 cps	
Moisture Content %	1 Max	

Typical but unspecified properties:

- HLB: 1.8
- HS-No.: 2916.1590

Storage:

Closed original packaging or tank at 20–25°C.

Applications:

Oil field chemicals, ethoxylation, emulsifier in leather, textile, etc.

Packing:

200/230 Kg HDPE Drums, Iso Tanks, IBCs.