

VENUS ETHOXYETHERS PVT. LTD.

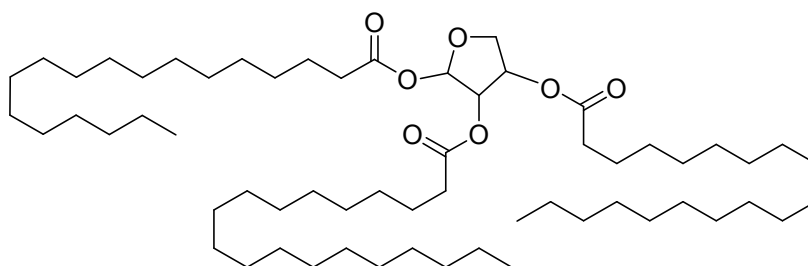
Leading Manufacturers of Surfactants & Other Chemicals

TECHNICAL DATA SHEET

Product Name: SORBITAN TRISTEARATE

Chemical Name: Tri stearic ester of Sorbitol

Structure:



SPECIFICATIONS

Appearance: Solid waxy flakes

Color: Cream to yellow

Acid Value: 18 max

Saponification Value(mg KOH/g): 170-190

Hydroxyl Value (mg KOH/g): 55-85

Moisture: 1% max

HLB Value: 2.2

CAS No.: 26658-19-5

Properties: STS is a partial stearic ester of sorbitol and its mono- and di-anhydrides. It is soluble in common organic solvents, insoluble in cold water and alcohol but dispersible in warm water.

Applications: It is used as a fibre to metal lubricant for synthetic and cotton fibres. It is also employed as an emulsifier/stabilizer in cosmetics, toiletries and topical pharmaceuticals. When used with ethoxylated SMS, it exhibits excellent emulsifying and stabilizing property.