

SPHARD-65-TECHNICAL DATA SHEET

SORBITAN TRI STEARATE (STS)

It is a mixture of partial Esters of Sorbitol and its di and tri anhydrides with commercial stearic acid.

Specification:

Product SPHARD-65 CAS No. 26658-19-5

Appearance Light yellow to creamish coloured flakes/powder

Odour Characteristic fatty

E-number E-492
Colour (Lovibond) 5 G
Acid value 15 Max
SAP value 176–188
Hydroxyl Value 66–80
Moisture 1% Max

Typical but unspecified properties

• **HLB**: 2.2

• **HS-No.**: 2915.7090

Storage:

Store in closed original package at 20-25°C.

Applications:

- 1. Used as an anti-blooming agent in chocolate
- 2. Prevents re-crystallization (e.g., in cooking oil), reduces sandiness in margarine

Packing:

25 Kg net HDPE bags.

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