

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.