

PRODUCT DATA SHEET

DATE: 06/18

Sucroso Palmitate

GENERAL CHARACTERISTICS

Classification	: non-ionic surfactant
Custom Tariff Code	: 3402 1300 90 2501
Substance name REACH	: Fatty acids C16-18 (even numbered), mono and di esters with Sucrose
CAS No.	: -
EC No.	: -
INCI-name	: Sucrose Palmitate
CAS No. INCI	: 26446-38-8
EINECS No. INCI	: 247-706-7
Form at 25 °C	: off-white powder
Melting point	: ± 52°C (melting starts at ± 40°C – store below this temp.)
Decomposition temp.	: > 185 °C
HLB-value	: approx. 16
Surface tension	: 34.2 dyne/cm (0.1% solution)/ 32.5 dyne/cm (0.3% solution)
Solubility (above melting point)	: Soluble in water, ethanol, glycerol. Insoluble in coconut oil

SPECIFICATIONS (test methods available on request)

		METHOD
Total sucrose fatty acid ester / Assay	: 90 %	SIS-01
Free fatty acid (as oleic acid)	: 3 %	SIS-02
Free sucrose	: 2 %	SIS-03
Water	: 4 %	SIS-04
Acid value	: 5 mg KOH/g	SIS-05
Sulphated ash /Residue on ignition	: 2 %	SIS-06
Heavy metals (as lead)	: 10 mg/kg	SIS-09
Arsenic	: 1 mg/kg	SIS-21
Lead	: 2 mg/kg	SIS-22
Mercury	: 1 mg/kg	SIS-19
Cadmium	: 1 mg/kg	SIS-20
Dimethyl sulfoxide (DMSO)	: 2 mg/kg	SIS-10
Aerobic Plate count	: 100 CFU/g	SIS-11
Moulds and Yeast	: Absent in 0.1 g	SIS-12

MICROBIOLOGY

More information on microbiology and pathogens analyses in statement '03.F-P Micro-analysis'

STABILITY

Product has excellent storage stability as delivered and may be stored for 36 months in its original, unopened packing, at a temperature between 5 – 35°C

PACKAGING

20 kg net bag-in-box, size 44 * 33 * 27 cm (l * w * h)

Carton box: 1400 g, double plastic bag: 220 g polyethylene

