

Trihydroxystearin

COSMOS Approved en productspecificaties

Vegan, organic rheology additive based on a natural castor oil derivative for oil phases in personal care applications. Provides thixotropic stabilization and high thickening (COSMOS APPROVED, NATRUE Approved).



NATRUE Approved

Product data

Composition

Castor oil derivative (INCI: Trihydroxystearin)

Vegan

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	1.02 g/ml
Melting range:	84–88 °C
Sieve passing (325 mesh/44 µm):	min. 99 %
Acid value:	max. 4 mg KOH/g
OH value:	155–164 mg KOH/g
Iodine value:	max. 4 g/100 g
Saponification value:	176–182 mg KOH/g
Color:	white
Delivery form:	free-flowing powder

Natuurlijke oorsprong en batchkwaliteit

Geanonimiseerde kwaliteitsdocumentatie

Natuurlijke oorsprong volgens ISO 16128

has a natural content as stated below.

Furthermore, the Natural Indexes are calculated according to the definitions of ISO 16128.

INCI	Origin	natural content (%)	Natural Index (ISO 16128)	Natural Origin Index (ISO 16128)
<i>Trihydroxystearin</i>	<i>plant</i>	100%	0	1

Batchcontrole

Lot number: 0002438483	Production date: 01/01/2022 Shelf Life: 36 Month(s)
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Characteristic/ Method	Unit	Value	Lower Limit	Upper Limit
Dry sieve, -325 Mesh, 44 µm P-1	%	100.0	99.0	100.0
Melting Point DSC-1	°C	86.2	84.0	88.0
Hydroxyl value	mgKOHg	158.0	155.0	164.0
Saponification value	mgKOHg	181.1	176.0	182.0
Iodine value	g/100g	2.6	0.0	4.0
Acid value	mgKOHg	1.5	0.0	4.0