

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

SCI Surfactant

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Sodium cocoyl isethionate
Chemical name	Fatty acid isethionate sodium salt
Manufacturing process	Reaction of coconut fatty acid with oxethansulfo-acid sodium salt using direct condensation
Origin of starting material (plant, animal, synthetic)	Plant. Product is based on materials which do not originate from animal sources and which are not produced from genetically modified material.
Raw material origin	Based on purified coconut oil
Description	A mild, high-foaming surfactant that produces a creamy and abundant lather that cleanses gently and leaves the skin with a luxurious, silky feel. It is also hard water tolerant and will not leave a soap film or residue like ordinary soaps
Additives	No Preservatives, Antioxidants, Solvents, Bleaching agents, Fragrances (Allergens)
Raw material category	> 84% active anionic surfactant

TECHNICAL DATA

Composition

Fatty acid content	%
Caprylic acid C8:0	5.0
Capric acid C10:0	6.0
Lauric acid C12:0	50.0
Myristic acid C14:0	19.0
Palmitic acid C16:0	10.0
Stearic acid C18:0	10.0
Vaccenic acid C18:1	< 0.1

Physical parameters

Appearance	Solid, granulated powder
Color	White to off white
Odor	Characteristic
Activity (MW 343)	min. 84.0 %

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Solubility	Soluble in water
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Chemical parameters

Acid value	14,5 mg KOH/g
Sodium isethionate	max. 4.0 %
Free fatty acid	3.0 - 10.0 %
Stearic acid content	0 %
Moisture	< 0.3 %

Biological parameters

Total viable count	<100 cfu/g
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By-products

1,4-Dioxane	<1 ppm
Ethylene oxide	<1 ppm
Residual solvents	not expected from the process
Residual monomers	not expected from the process
Amines	not expected from the process
Nitrosamines	not expected from the process
Heavy metals (Ni, Cr, Co, Cd, Hg, Pb, As, Sb)	< 1 ppm each
Monochloroacetic acid	not expected from the process
Dichloroacetic acid	not expected from the process
Phthalates	not expected from the process
Pesticides	Based on information concerning raw materials, production process and equipment used, pesticides are not likely to be present.
Glycol ethers	Based on information concerning raw materials, production process and equipment used, Butyldiglycol, Ethyldiglycol and 2-Butoxyethanol are not likely to be present.

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TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	At room temperature the product is solid, but may form cake-like texture on storage in high humidity conditions. Protect from exposure to cold and excess moisture during storage and transport. If the product sticks together, please tap or gently shake the container so that the material becomes free flowing.
Shelf Life	36 months under good storage conditions
Transport	-

LEGISLATION

Certification	-
GMO	Product does not contain genetically modified organisms
CMR classified ingredients	None
Nanomaterials	Product is not considered as a nanomaterial according (EC) No.1223/2009 definition art.2 (1k).
EINECS	263-052-5
CAS	61789-32-0
Registration status	Listed on the chemical inventories of Australia, Canada, China, European Union, Korea, Japan, the Philippines and the USA. As cosmetic ingredient the product is not subject to MITI.
Dangerous ingredients according to Annex I of Directive 67/548/EEC resp. Annex VI of Regulation (EC)1272/2008 or ingredients self-classified as dangerous	See EU safety data sheet, chapter 2 or 3 (regulatory information, hazardous components)
Others	Food allergens as of Directive 2000/13/EC (as amended), Annex I and Regulation (EU) 1169/2011, Annex II are not added by recipe

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.