

TECHNICAL DATA SHEET

Effective date: 02.2023

EMULSIFIER PLANT HP30

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate
Raw material category	Emulsifier for Oil-in-Water formulations for cosmetic industry
Chemical name	Glyceryl monostearate with fatty alcohol and sodium 2-stearoyllactate
Description	Self-emulsifying system constructed with naturally derived ingredients to mimic the skin's natural lipid barrier, is extremely mild and non-irritating and possesses a unique affinity for skin, conferring benefits such as moisturization, exceptional after-feel and water/wear resistance flexible enough to be incorporated into a wide range of personal care / cosmetic formulations.
Composition	Glyceryl Stearate 50 - 70 % 85251-77-0, 286-490-9 Cetearyl Alcohol 20 - 30 % 67762-27-0, 267-008-6 Sodium Stearoyl Lactylate 5 - 15 % 25383-99-7, 246-929-7

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Physical and Chemical parameters

Appearance (20 °C)	flakes
Color	off white
Drop Point	56–61 °C
Origin of starting material	Plant, kind of plant: Palm Oil, Sunflower Oil, Rapeseed Oil; Fermentation (Lactic Acid)
Renewable Carbon Index (RCI)	100 %
Preservatives	None
Fragrances, allergens	Not added
Solvents	Not added
Heavy metals	max. 10 ppm Ni,Cr,Co,Cd,Hg,Pb,As,Sb,Cu,Ag each < 1 ppm
Pesticides	Based on information concerning raw materials, production process and equipment used, pesticides are not likely to be present

Biological parameters

Aerobic Bacterial Count	< 100 cfu/g
Yeasts and Molds	< 10 cfu/g

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Enterobacterias	absence
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TRANSPORT, STORAGE and SHELF LIFE

Shelf Life	Recommended retest period is 24 months. Store in a cool, dry, ventilated area away from heat sources. Keep containers tightly closed when not in use. The product must be protected from higher temperatures during storage as the waxy flakes can melt together.
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LEGISLATION

Registration status	Listed on the chemical inventories of Australia (AICS), Canada (DSL), China (IECSC), European Union (REACH), Korea (ECL), New Zealand (NZIoC), Philippines (PICCS) and Switzerland (EINECS). All components of this product are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FDA and must comply with the FDA regulations
CMR	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008
Nanomaterials	Product is not considered as a nanomaterial according (EC) No.1223/2009 definition art.2 (1k)
Animal testing	This product has not been tested on animals.
GMO	During the production no GMOs and derivatives from GMOs are used. All reasonable measures have been taken to avoid cross-contamination with GMOs or derivatives from GMOs.
CAS	Glyceryl Stearate (and) 85251-77-0 Cetearyl Alcohol (and) 85251-77-0 Sodium Stearoyl Lactylate 25383-99-7
EINECS / EC No.	Glyceryl Stearate (and) 286-490-9 Cetearyl Alcohol (and) 267-008-6 Sodium Stearoyl Lactylate 246-929-7

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.