

## TECHNICAL DATA SHEET

Effective date: 04.2019

### Emulsan

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Methyl mlucose sesquistearate
Manufacturing process	Esterification product
Origin of raw material	Rapeseed oil, corn oil
Raw material category	O/W emulsifier

#### TECHNICAL DATA

##### Physical parameters

Appearance	Solid, pellets
Color	Light yellow
Odor	Odorless
HLB value	approx. 12
Iodine value	< 5.00 g/100g
Acid value	15.00 – 25.00 mg KOH/g
Saponification value	127.0 – 137.0 mg KOH/g
pH value 5 %	7.5 – 8.5
Water content	< 1.50 %

##### Biological parameters

Total viable count	max. 100 cfu/g
Pathogens*	Absent /g

\*Pathogens are: Enterobacteriaceae, Pseudomonas, Enterococci, Candida albicans, Staphylococci

##### Contaminants

Residual solvents	not applicable
Free amines	not applicable
Nitrosamines	not applicable
Monochloroacetic acid	not applicable
Dichloroacetic acid	not applicable
1,4-Dioxane	not applicable

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Pesticides	Meets the valid regulatory requirements for limits on agricultural pesticides
Total heavy metals	Max 20 ppm
As, Cd, Co, Cr, Hg, Ni, Pb, Sb	Each < 1 ppm
Latex	Not to be expected in the product due to the raw materials used and the production process
VOC	< 3 % according to SR (Swiss Right) 814.018
CMR (Carcinogenic, Mutagenic or Reprotoxic)	None
Allergens	None of these substances have been intentionally added to our cosmetic raw materials or are formed during the manufacturing process

### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store product in full, tightly closed containers, avoid light and protect from humidity
Shelf Life	36 months under good storage conditions

### LEGISLATION

Certification	-
Irradiation	The product is not irradiated.
Vegan and vegetarian declaration	Produced in the strictest absence of any animal derived material of any type.
GMO	The item does not contain ingredients that might have been derived from GM sources. However max 0.9 % cross-contamination is possible. Any protein or DNA is not present. Consequently the product will be PCR negative when tested.
EINECS	939-238-3
CAS	-
REACH pre-registration no.	01-2119969646-19

### 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.