

TECHNICAL DATA SHEET

Effective date: 04.2019

Bella Emulsifier

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Glyceryl stearate SE
Raw material origin	Vegetable: (coconut oil/ palm kernel oil/ palm oil) Inorganic: (potassium hydroxide)
Raw material category	Anionic self-emulsifying base
Manufacturing process	Mixing of the individual ingredients at an elevated temperature
Description	Mixture of mono-, di and triglycerides, especially of palmitic and stearic acid, blended with potassium stearate

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Composition

Glycerol	5 - 8 %
Water	1 %
Heavy metals	10 ppm
Stabilizing additives and Auxiliaries	Preservatives not present Antioxidants not present Solvents not present Others not present

Physical parameters

Appearance	Solid, powder
Color	White to off-white
Odor	Mild, faint
Ethyl ether solubility	Practically insoluble
Chloroform solubility	Slightly soluble
Petrol ether solubility	Practically insoluble
Ethyl alcohol solubility	Practically insoluble
Paraffin oil solubility	Practically insoluble
Water solubility	Practically insoluble
Solubility	Soluble in oil
Acid number	32 - 36

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Saponification value	145 - 160
Melting point/range	56 - 61°C
Iodine number	3

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers at a temperature below 30°C, keep dry, away from light and avoid humidity.
Shelf Life	36 months, in closed packaging and the recommended conditions.
Custom tariff	-

LEGISLATION

Certification	-
EINECS	266-952-6 / 209-786-1
CAS	67701-33-1 / 593-29-3

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