




IMWITOR® 928

INCI: Glyceryl Cocoate

-  Purely vegetable origin
-  Co-Emulsifier
-  Absorption enhancer

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1. Description:

IMWITOR® 928 is composed of partial glycerides (mono-/di-glycerides) of saturated fatty acids of vegetable oil, having chain lengths of C₁₂ – C₁₈. The main component is C₁₂, as in coconut oil. IMWITOR® 928 is a white to slightly yellowish solid substance, which is stable against oxidation and has a slight coconut odor.

IMWITOR® 928 is stable against oxidation because it contains only saturated fatty acids (Iodine value max. 3 g I₂/100 g, peroxide value max. 3 mequi O/kg).

Because of its purely vegetable origin and its manufacturing process IMWITOR® 928 is free from skin irritating substances such as heavy metals, catalyst residues, solvents, antioxidants and other stabilizers.

2. Chemical and Physical Properties:

Tests	Value	Unit
Acid value	max. 2.0	mg KOH/g
Saponification value	200 - 220	mg KOH/g
Iodine value	max. 3	g I ₂ /100g
Ascending melting point	33 – 36	°C
Free Glycerol	max. 1.0	%
Monoglycerides	min. 40	%

3. Application:

IMWITOR® 928 is soluble in acetone and ethanol. It is slightly soluble in hexane and cold water, but has a good water-binding capacity. Upon heating it forms an emulsion with water.

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Cosmetic Functions:




IMWITOR® 928 is acting as co-emulsifier, absorption promoter, dispersing aid and refatting agent.

In comparison to Glycerol Stearate as co-emulsifier IMWITOR® 928 shows only slight impact on viscosity of formulations. Therefore it is suitable for the stabilisation of sprays without increasing viscosity.

Thus IMWITOR® 928 use is suggested for:

-  Body care
-  Skin care
-  Hair care
-  Sun sprays

 hobbock with 25 kg

-  Store dry below 25° C
-  Protect from light and moisture
-  Shelf life 3 years

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