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PersonalCare



HomeCare

Newsletter HomeCare 5/2022

New product "Powdered Betaines":
Mackam® 1200 and 2800

September 2022

Verdant has found a new way to produce betaines in powder form. We can support your needs for concentrated, powdered surfactants with outstanding performance and to save water. From toilet bricks to laundry powders, from detergent tablets to surface cleaner concentrates, our ingredients are suitable for a wide range of applications. Especially for powder based formulations that allow customer to formulate sustainable and concentrated, while not losing performance on foaming as well as detergency. Ideal for the production of soluble sachets.

Content

- Mackam® 2800 Powder
- Mackam® 1200 Powder

Mackam® 2800 Powder

INCI: Cocamidopropyl Betaine

Product description

Mackam® 2800 Powder is a 85% powdered form of high purity Cocamidopropyl Betaine, with a 'stripped' alkyl distribution. **Mackam® 2800 Powder** is compatible with anionic, nonionic and cationic surfactants, and exhibits high foaming even in high electrolyte solutions. This product offers exceptionally low and stable colour as well as low residual odour. When compared to standard grades of Cocamidopropyl Betaine, **Mackam® 2800 Powder** exhibits better flash foam and viscosity building characteristics with lauryl sulphates, lauryl ether sulphates and alpha olefin sulphates in anionic based systems. It is excellent for use in bath & shampoo bars due to its mildness, lime soap dispersing properties and in liquids for its viscosity building characteristics. **Mackam® 2800 Powder** can also be used in Industrial, Home & Hygiene products such as powderd refill sachets for example bathroom cleaner and is also ideal in applications where very low water content is required, for example in formulations for water soluble sachets.

Principle uses

Personal care

Shampoos & Shampoo Bars
Shaving Products
Soaps Bars
Bath Bars
Body Wash
Toothpaste & Mouthwash

Industrial, Home & Hygiene

Glass Cleaners
Bathroom Cleaners
Detergent Tablets

Specifications

Test result appearance	white powder
Odour	typical
Solids content, %	95.0 minimum
pH (10%) @ 25 °C	4.0 - 6.0
Colour gardner (35% aqueous)	3 maximum
Sodium Chloride, %	14.0 - 16.0

Mackam® 1200 Powder

INCI: Lauramidopropyl Betaine

Product description

Mackam® 1200 Powder is an 85% powdered form of the popular amphoteric surfactant, Lauramidopropyl Betaine. **Mackam® 1200 Powder** is compatible with anionic, nonionic and cationic surfactants, and exhibits high foaming even in high electrolyte solutions. **It is stable in 20% sodium hydroxide solution when solubilised with small amounts of hydrotropes.** In personal care products, **Mackam® 1200 Powder** shows a marked viscosity improvement along with enhanced flash foam when compared to Cocamidopropyl Betaine. It is excellent for use in bath & shampoo bars due to its mildness, lime soap dispersing properties and in liquids for its viscosity building characteristics. **Mackam® 1200 Powder** can also be used in oral products such as toothpaste and mouthwash and is also ideal in applications where very low water content is required, for example in formulations for water soluble sachets.

Principle uses

Personal care

Lime Soap Dispersion
Air Entrainment
Bathroom Cleaners
Detergent Tablets

Industrial, Home & Hygiene

Shampoos & Shampoo Bars
Soap Bars
Bath Bars
Body wash
Toothpaste & Mouthwash
Shaving Products

Specifications

Test result appearance	white powder
Odour	typical
Solids content, %	95.0 minimum
pH (10%) @ 25 °C	7.0 - 11.0
Colour gardner (35% aqueous)	3 maximum
Sodium Chloride, %	14.0 - 16.0



Imprint

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