

BETAFAN-M

Non-animal Origin Mild Surfactant For Cosmetics And Toiletries

GENERAL INFORMATION

BETAFAN-M is a high molecular weight betaine with a significant level of unsaturation.

BETAFAN-M causes less defatting of the skin than other conventional betaines. It is mild and causes less irritation.

BETAFAN-M is very stable.

Surfactant/betaine systems (e.g. alpha olefin sulfonates) tend to irritate because they defat tissue. Therefore, formulators add unsaturated molecules such as oleyl amides and oleyl betaines to mitigate the irritation, but these materials tend to oxidize to aldehydes and do not smell good. As a result, high fragrance levels are required. **BETAFAN-M** systems reduce this effect.

BETAFAN-M can be used in surfactant and non-surfactant systems for effective conditioning.

INCI NAME

Meadowfoamamidopropyl Betaine

CHEMICAL & PHYSICAL PROPERTIES

Appearance	Yellow Liquid
Active Concentration	25%
Specific Gravity at 25°C	1.00 – 1.05
Color (Gardner)	6 max.
Solids	23 - 27%
NaCl content	2.0 - 4.0%

These are typical properties not to be used for specification purposes

APPLICATIONS

- Shampoo
- Body Wash
- Baby Products
- Bath Foam
- Shower Gel

KEY PROPERTIES

- Causes less defatting of the skin
- Provides mild surfactancy
- Is very stable
- Helps conditioning

INCORPORATION

BETAFAN-M can be added at any convenient stage in the manufacturing cycle with slow mixing.

Solubility:

- Water: Soluble
- Isopropyl Alcohol: Dispersible
- Propylene Glycol: Dispersible
- SLES Solution (40%): Soluble
- Ethanol (95%): Dispersible

LEVELS OF USE

The level of use of the **BETAFAN-M** will depend on the formulation. Typical addition levels are 1-10%.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep container sealed and store at room temperature.

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SHELF LIFE

BENTONE MA has a minimum shelf life of 3 (three) years from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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