

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. Traditional surfactant systems 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
Colour (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

LEVEL OF USE

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

TECHNICAL DATA SHEET

BETAFAN-M

HEALTH & 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.

SHELF LIFE

BETAFAN-M has a minimum shelf life of 3 (three) years from date of manufacture.

QUALITY ASSURANCE

Quality and continuous improvement are paramount to our business. Facility manufacturing **BETAFAN-M** has established strong quality management system and holds ISO 9001 certification.

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