

# Metaupon™ Surfactants

## Anion Surfactants for Mild, Sulfate-Free Formulations



### Metaupon™ KMT 30 MB

INCI: Sodium Methyl Cocoyl Taurate

CAS #: 61791-42-2

EC #: 263-174-9

### Metaupon™ OMT 40 MB

#### Metaupon™ OMT Solid MB

INCI: Sodium Methyl Oleoyl Taurate

CAS #: 137-20-2

EC #: 205-285-7

### Sulfate-free

### Foam Enhancement

### Mild Surfactant, Recommended for Sensitive Skin

### Soft Skin Feel

### High Compatibility

### Recommended applications



Shampoos



Bath Additives



Oral Care



Facial Cleansers



Baby Care



Metaupon™ surfactants provide high quality flash foam and are highly compatible with non-ionic and anionic surfactants. They stabilize foam in the presence of oil and function well in hard water and over a large range of pH.

Vantage's Metaupon™ surfactants are high performance foam enhancers that create a rich and dense foam for mild rinse-off formulations. They are intended as foam boosters and foam stabilizers. These sulfate-free surfactants are ideally used for clean-beauty concepts ranging from shampoo, facial cleansers, or bath additives. In addition to their foam enhancement benefits, Metaupon™ surfactants provide a great skin feel, contributing to the overall improved sensorial experience.

Metaupon™ KMT MB grades are recommended in sulfate-free shampoo formulations and sensorially-differentiated face cleansers, in foam or gel forms.

Metaupon™ OMT MB grades are recommended in solid formulations, such as bath bombs and bath powders.

### COMMITMENT TO SUSTAINABILITY

Vantage™ is committed to establishing a sustainable supply chain for its ingredients and believes RSPO's Mass Balance certification as being a key step towards this goal. Metaupon™ surfactants are based on sustainably sourced palm oil, compliant with RSPO's Mass Balance criteria.

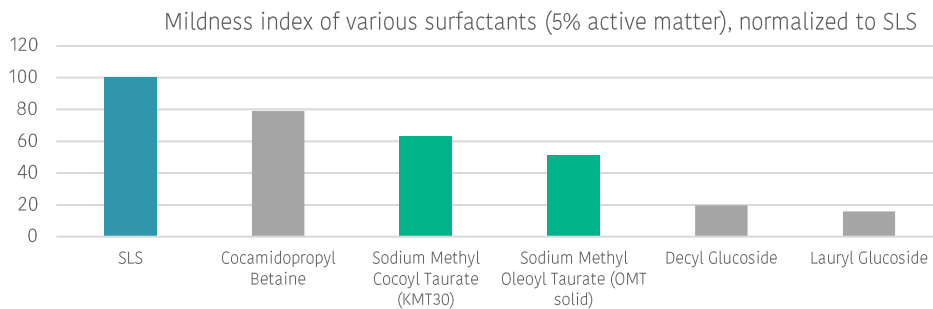
 Vantage

# Metaupon™ Surfactants

## Anionic Surfactants for Sulfate-Free Formulations

Typical Properties of	Metaupon™ KMT 30 MB	Metaupon™ OMT 40 MB	Metaupon™ OMT Solid MB
Appearance @ 25 °C	White Paste	Slightly Yellow Paste	Yellow Powder
Active Substance Content	29-31.5%	38%	70%
Sodium chloride	5.5-8.5%	<3.8%	<25%
Density @40 °C (g/cm <sup>3</sup> )	1.10	-	-
Bulk Density (kg/m <sup>3</sup> )	-	-	600
Recommended Use Level	1-30%	1-30%	1-30%





## Surfactants for sensitive skin

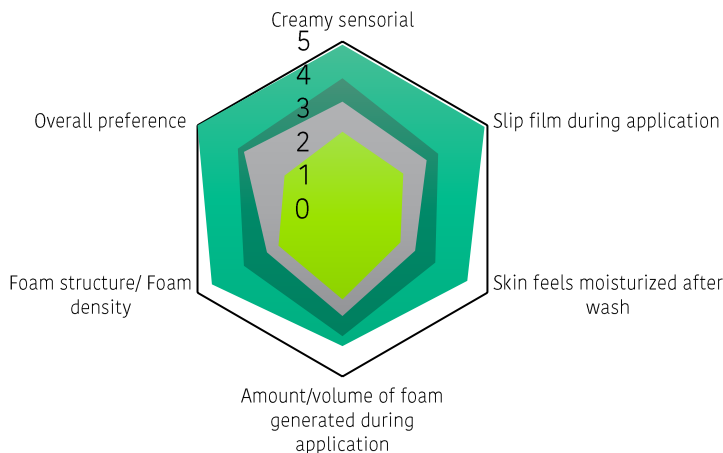


Metaupon™ surfactants are extremely mild and are recommended for use in shampoo, facial cleansers for sensitive skin and baby-care formulations.

## Sensorial foam

Metaupon™ surfactants create dense, uniform and thicker foam, that sensorially delights customers. The after-feel is characterized by the presence of a noticeable, comfortable film-residue and a moisturizing sensation.

Metaupon™ KMT 30 MB (3% active matter)	Decyl Glucoside (3% active matter)
 <p>Foam Appearance: Small bubbles, high density Foam Feel: Creamy foam, with slip film Skin Feel: It isn't dry after wash</p>	 <p>Foam Appearance: Small bubbles, low density Foam Feel: Airy foam, watery (not consistent) Skin Feel: no film during application, dry feel</p>
Cocamidopropyl Betaine (3% active matter)	Disodium Laureth Sulfosuccinate (3% active matter)
 <p>Foam Appearance: Small bubbles, medium density Foam Feel: Airy to creamy foam Skin Feel: Tacky and skin feels dry</p>	 <p>Foam Appearance: Large bubbles, low density Foam Feel: Airy foam, watery (not consistent) Skin Feel: Dry feel</p>



- Metaupon™ KMT 30 MB (3% active matter)
- Cocamidopropyl Betain (3% active matter)
- DSLS (3% active matter)
- Decyl Glucoside (3% active matter)