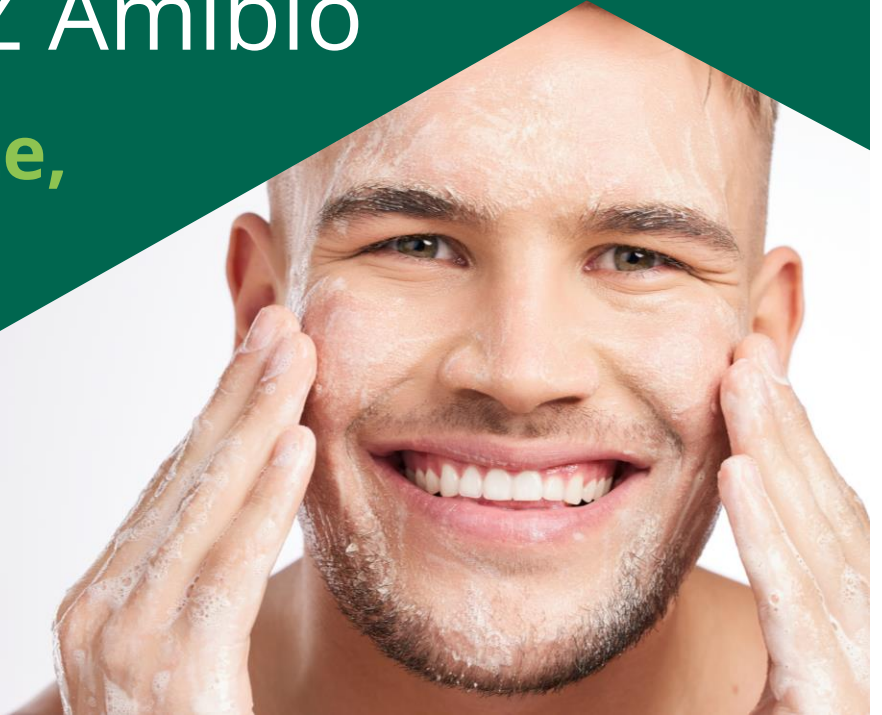


Metaupon® EZ Amibio

**EaZy to formulate,
EaZy to handle,
EaZy to store**



METAUPON EZ AMIBIO*

INCI : Water (and) Sodium Methyl Cocoyl Taurate (and) Sodium Methyl Oleoyl Taurate (and) Sodium Lauroyl Sarcosinate

CAS #: 7732-18-5, 12765-39-8, 137-20-2, 137-16-6

EC #: 231-791-2, 603-209-0, 205-285-7, 205-281-5

METAUPON EZ AMIBIO allows formulators to develop for sulfate-free applications with elegant sensory and *without* the need of a co-surfactant.

Introducing METAUPON EZ AMIBIO—a gentle, biodegradable, sulfate-free liquid surfactant system designed to deliver a light, creamy foam that leaves skin feeling soft and silky without the need of a co-surfactant.

METAUPON EZ AMIBIO not only provides exceptional frizz control but also enhances both wet and dry hair combability. It can also help boost skin hydration. Its versatility shines as an amphoteric surfactant, making it ideal for low pH formulations such as acne and feminine hygiene products.

Crafted with care, this optimized blend remains transparent, enabling the creation of clear liquid formulations. Its user-friendly nature makes it a breeze to incorporate into formulation and yields outstanding results, especially in cold process applications.



Mild, yet effective

Clear formulations

Biodegradable

Rich, creamy foam

Silky after skin feel

Wet and dry combability

Frizz control

Recommended applications



Shampoos



Bath Additives



Facial Cleansers



Baby Care



2-0372-12-000-00

*Products available in MB grade upon request

Vantage®

METAUPON EZ AMIBIO

EaZy to formulate, EaZy to handle, EaZy to store

Appearance @ 25°C	Clear to Light Yellow Liquid
Color (APHA)	50 Max
Active matter	30-40%
Specific Gravity	1.05-1.08
Recommended Use Level	10-40%

Frizz control evaluation

METAUPON EZ AMIBIO has excellent frizz control after wash and over time.



Formulation guidelines

METAUPON EZ AMIBIO is suitable for liquid formulations such as shampoo, facial cleansers, body washes, and baby products.

Incorporation: It is water soluble and can be added directly to water in formulations. For thickening and stabilizing formulas, rheology modifiers like carbomers, acrylates copolymers, and/or gums can be used.

Viscosity: Incorporating rheology modifiers such as carbomers, acrylates copolymers, xanthan or guar gums is beneficial for achieving a thicker viscosity. Viscosity can be adjusted by combining with an amphoteric surfactant and altering the pH to achieve optimal viscosity between pH 4.8 - 5.5. The recommended amphoteric surfactants are cocamidopropylbetaine and cocamidopropyl hydroxysultaine and the addition of electrolytes like sodium chloride or magnesium chloride can affect to increase the viscosity.

Compatibilities: METAUPON EZ AMIBIO is compatible with anionic, amphoteric, and non-ionic surfactants, as well as electrolytes, polymeric thickeners, acids like salicylic acid, and pearling agents such as Glycol Distearate.

Stability: Cloudiness may occur in formulas containing more than 25% of METAUPON EZ AMIBIO and a pH lower than 6. This can be prevented by adding an amphoteric surfactant to the system.