



EUROGLYC AMS

ultra mild
amphoteric surfactant

PRODUCT DESCRIPTION

Euroglyc AMS is an ultra mild amphoteric surfactant used for its excellent foam quality enhancement and its irritation reduction properties in a wide range of foaming personal care products and some home care applications.



INCI NAME

Sodium Cocoamphoacetate

BENEFITS

- Extreme mildness
- Foam building and stabilization
- Viscosity builder
- Reduction of irritation of anionic surfactants to skin and eyes
- Compatible with anionic, nonionic and cationic surfactants
- Better deposition of cationic actives
- Hard water compatibility
- Preservative free
- Easy to handle
- Biodegradable

APPLICATIONS

Home care

- fine laundry detergents
- dish washing liquids



Personal care

- shampoos
- shower products
- facial cleansers
- baby products
- intimate hygiene
- bath products
- shaving foams
- make-up removers



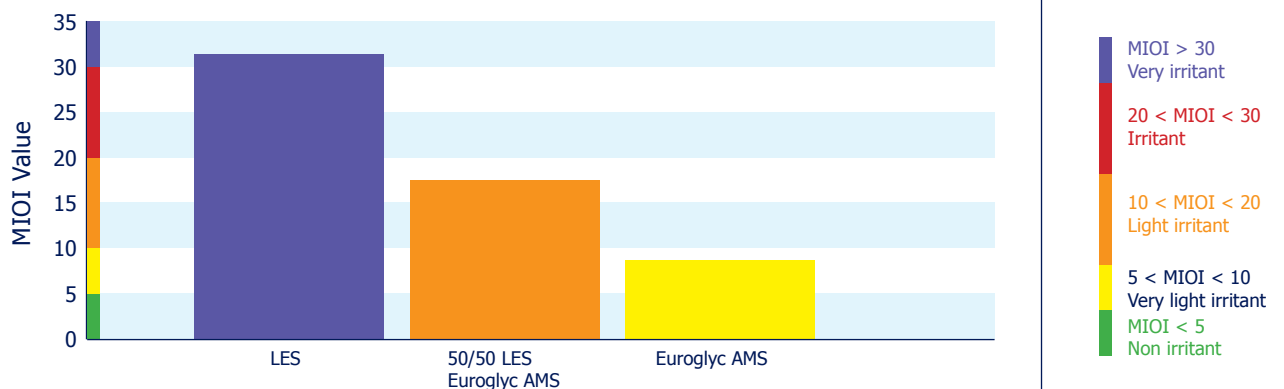
PROPERTIES

MILDNESS

The Red Blood Cell (RBC) tests illustrate that Euroglyc AMS is extremely mild and reduces the eye irritant potential of Sodium Laureth Sulfate. Results are expressed as Mean Indices of Ocular Irritation (MIOI value).



Mildness



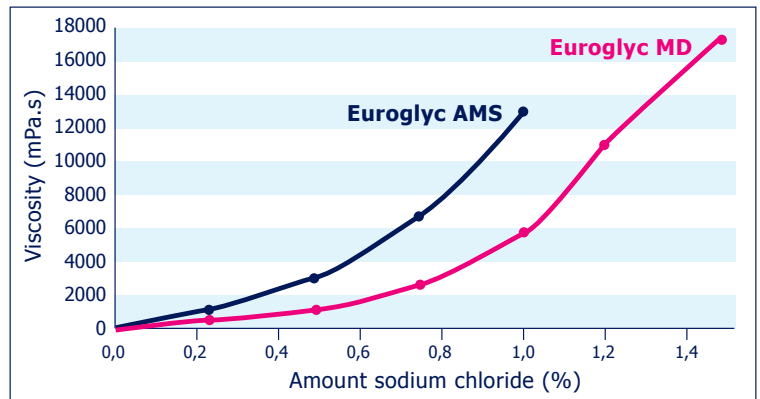


VISCOSITY BUILDING PROPERTIES

Euroglyc AMS is an excellent viscosity builder for anionic surfactants solutions in combination with sodium chloride.

FORMULATION DETAILS

INGREDIENT	% w/w
Water	60.0 or 62.0
LES28	26.0
Euroquat HC47 VG	4.0
Euroglyc AMS / Euroglyc MD	10.0 or 8.0
Citric acid	Qs to pH 6.0



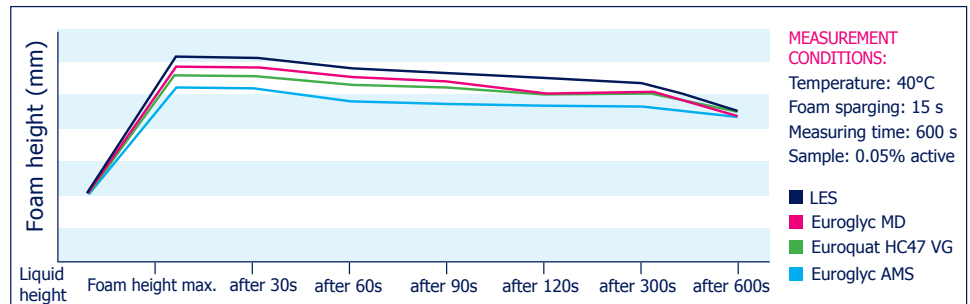
FOAMING CHARACTERISTICS



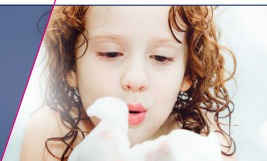
FOAM FORMATION AND FOAM STABILIZATION PROPERTIES

The foam behavior of Euroglyc AMS in a formulation containing LES and Cocamidopropyl Betaine is studied with the Kruss Dynamic Foam Analyser. The graph below illustrates that Euroglyc AMS has a lower flash foam than Euroglyc MD, but that it has the most stable foam.

INGREDIENT	% active
Water	-
LES	5.6
Euroquat HC47 VG	3.1
Co-Surfactant	1.5
Citric acid	Qs to pH 6.0



GUIDE FORMULATIONS



The ultra mild shower and shampoo for kids has a viscosity of 8000 mPa.s without any addition of sodium chloride.

Ultra mild shower and shampoo for kids Ref 992-08A		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	62.0
LES28	Sodium Laureth Sulfate	20.0
Euroglyc AMS	Sodium Cocoamphoacetate	10.0
Euroquat HC47 VG	Cocamidopropyl Betaine	7.0
Glycerin	Glycerin	1.0
Citric acid	Citric Acid	Qs to pH 5.5



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