



EUROGLYC AMS EUROGLYC D

ultra mild
amphoteric
surfactants

PRODUCT DESCRIPTION

Euroglyc AMS and Euroglyc D are ultra mild amphoteric surfactants used for their excellent foam quality enhancement and their irritation reduction properties in a wide range of foaming personal care products and some home care applications.



INCI NAME

Euroglyc AMS: Sodium Cocoamphoacetate
Euroglyc D: Disodium Cocoamphodiacetate

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
- liquid soaps
- bath products
- shaving foams
- make-up removers
- micellar water
- wet wipes

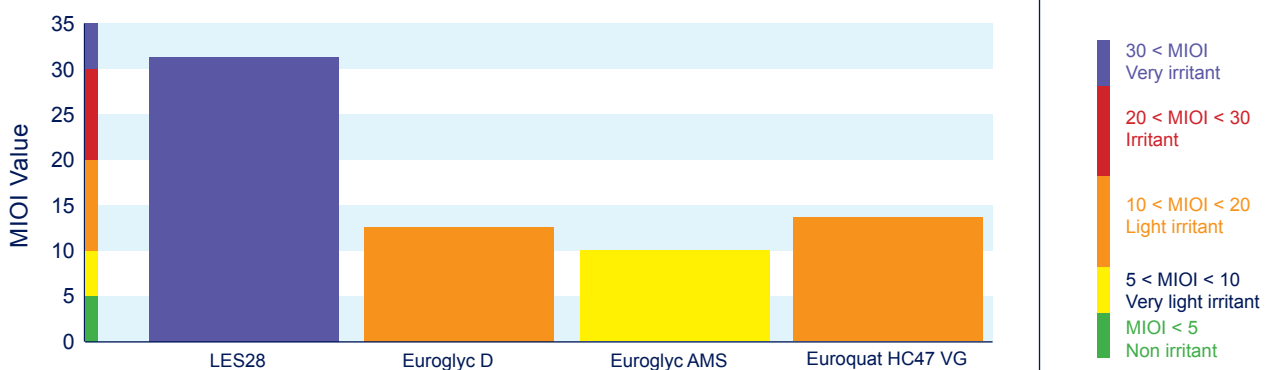
PROPERTIES



MILDNESS

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

Mildness



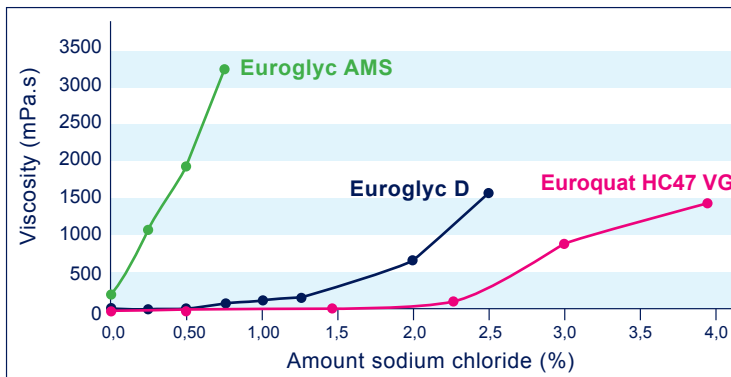


VISCOSITY BUILDING PROPERTIES

Euroglyc AMS is an excellent viscosity builder for anionic surfactants solutions in combination with sodium chloride. Both Euroglyc AMS and Euroglyc D show better viscosity building properties in comparison with Euroquat HC47 VG (Cocamidopropyl Betaine).

FORMULATION DETAILS

INGREDIENT	% w/w	% w/w	% w/w
Water	60.0	62.0	62.0
LES28	26.0	26.0	26.0
Euroquat HC47 VG	4.0	4.0	12.0
Euroglyc AMS	10.0	-	-
Euroglyc D	-	8.0	-
Citric acid	Qs to pH 6.0	Qs to pH 6.0	Qs to pH 6.0

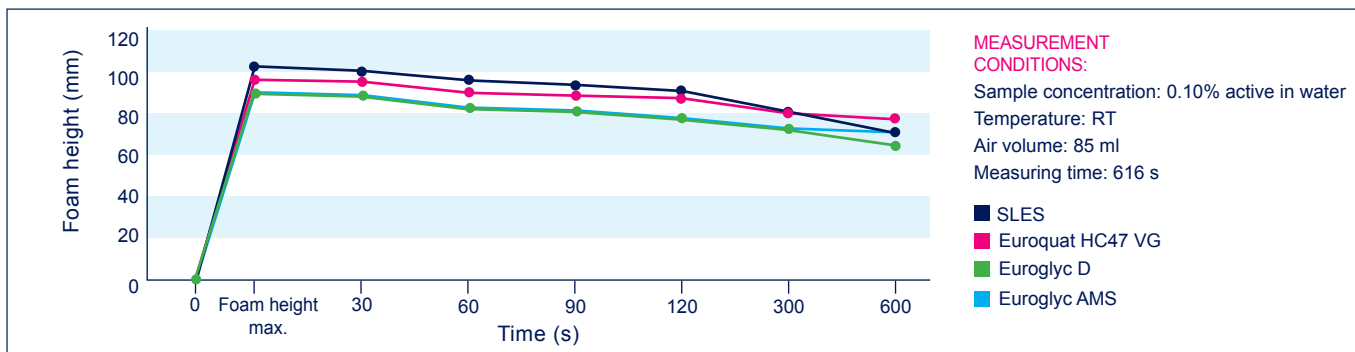


FOAMING CHARACTERISTICS

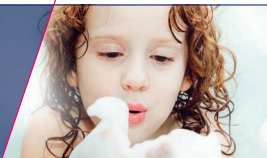


FOAM FORMATION AND FOAM STABILIZATION PROPERTIES

The foam behavior is studied with the Kruss Dynamic Foam Analyzer. The graph below illustrates that Euroglyc AMS and Euroglyc D have similar foaming properties, they show a lower flash foam in comparison with SLES and Euroquat HC47 VG, but a better foam stability.



GUIDE FORMULATIONS



Euroglyc AMS and Euroglyc D find their application in various shower and bath products, because of their mildness and excellent viscosity building properties. The ultramild shower and shampoo for kids has a viscosity of 8000 mPa.s without any addition of sodium chloride.

Ultra mild shower gel 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

Extra soft shower cream Ref 170-07B		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	52.9
LES28	Sodium Laureth Sulfate	30.0
Euroglyc D	Disodium Cocoamphodiacetate	6.0
Euroquat PK47	Cocamidopropyl Betaine	6.0
Glycerin	Glycerin	3.1
Euronac AMF Ultra	Glycol Distearate (and) Cocamidopropyl Betaine	2.0
Citric acid	Citric Acid	Qs to pH to 5.5
Sodium chloride	Sodium Chloride	Qs to 2000 mPa.s

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