



EUROGLYC MD

very mild
amphoteric surfactant

PRODUCT DESCRIPTION

Euroglyc MD is a mild amphoteric surfactant used for its excellent foam quality enhancement and its irritation reduction properties in a wide range of foaming personal care products.



INCI NAME

Disodium Cocoamphodiacetate

BENEFITS

- 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

Personal care

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



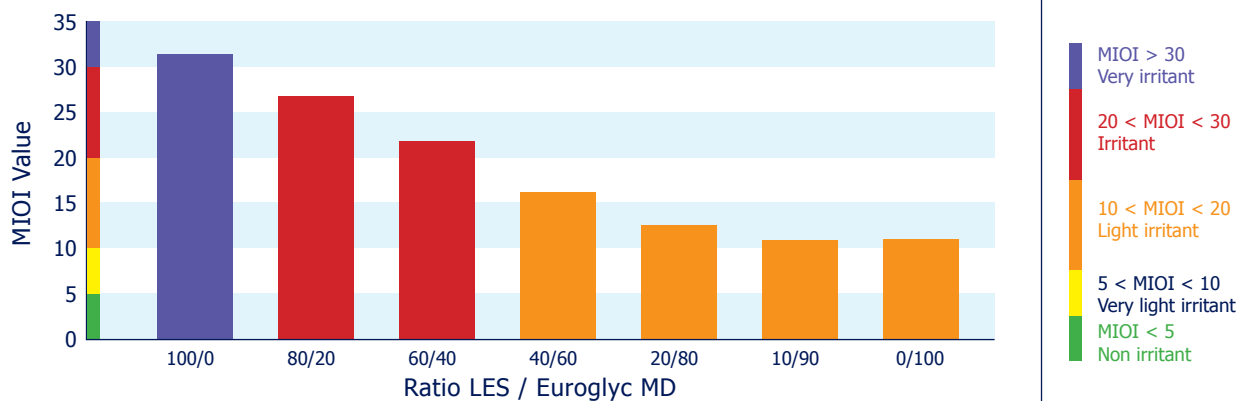
PROPERTIES



MILDNESS

The Red Blood Cell (RBC) tests illustrate that Euroglyc MD reduces the eye irritant potential of Sodium Laureth Sulfate. Results are expressed as Mean Indice of Ocular Irritation (MIOI value).

Mildness



EUROGLYC MD

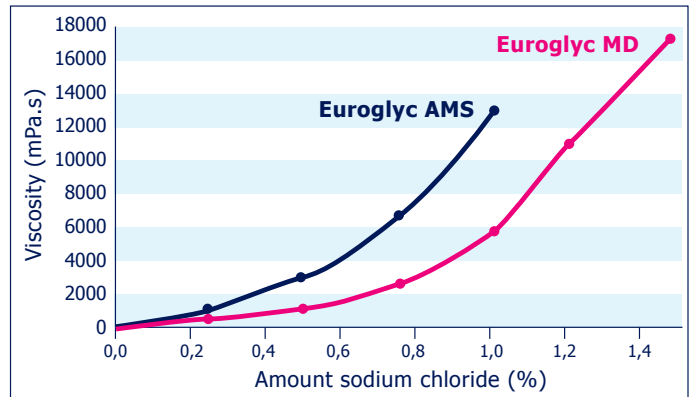


VISCOSITY BUILDING PROPERTIES

Euroglyc MD shows optimal viscosity building properties in a surfactant solution based on Sodium Laureth Sulfate and Cocamidopropyl Betaine.

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



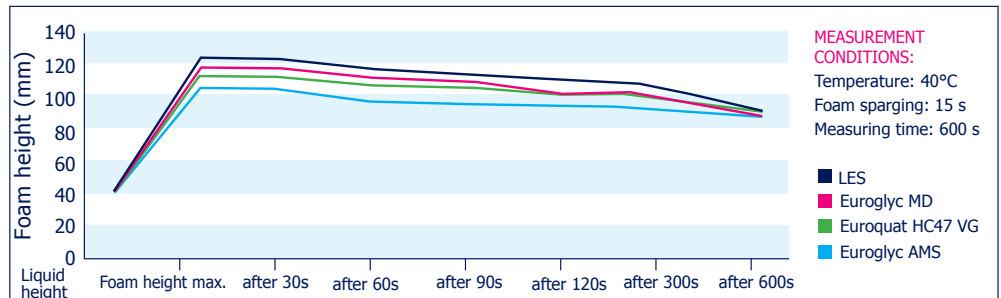
FOAMING CHARACTERISTICS



FOAM FORMATION AND FOAM STABILIZATION PROPERTIES

The foam behavior of Euroglyc MD in a formulation containing LES and Cocamidopropyl Betaine is studied with the Kruss Dynamic Foam Analyser. The graph below illustrates that Euroglyc MD shows excellent flash foam properties.

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



GUIDE FORMULATIONS



Extra soft shower cream Ref 170-07A		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	52.0
LES28	Sodium Laureth Sulfate	30.0
Euroglyc MD	Disodium Cocoamphodiacetate	6.0
Glycerin	Glycerin	6.0
Euroquat HCB LA	Cocamidopropyl Betaine	4.0
EuroNac AMF Ultra	Glycol Distearate (and) Cocamidopropyl Betaine	2.0
Citric acid	Citric Acid	Qs to pH 5.5
Sodium chloride	Sodium Chloride	Qs to 2000 mPa.s



EOC Surfactants

Durmakker 35
B-9940 Evergem
p/a IP De Bruwaan 12
B-9700 Oudenaarde

T +32 55 23 58 58
F +32 55 23 58 59

surfactants@eocgroup.com
www.eocgroup.com

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely responsible for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.