



EUR-AMID PK

excellent foam booster
and viscosity builder

PRODUCT DESCRIPTION

Eur-Amid PK is a mild nonionic surfactant used in a wide range of cleansing personal care products and detergent formulations for its excellent foam boosting and superior viscosity build-up properties at extremely low dosage level.



INCI NAME Cocamide DEA

BENEFITS

- Foam booster
- Superior viscosity builder
- Refatting agent
- Effective at low dosage level
- Easy handling liquid solution
- Biodegradable

APPLICATIONS

Personal care

- shower gels
- shampoo
- liquid soap
- foam baths
- shaving products



Home care

- dish washing liquids
- car cleaners
- floor cleaners
- all-purpose cleaners
- scouring creams

PROPERTIES

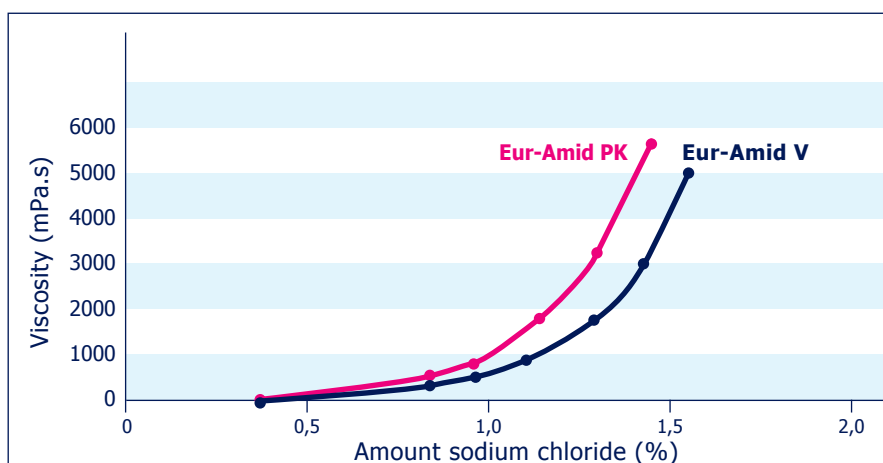


VISCOSITY BUILDING PROPERTIES

Below graph illustrates that Eur-Amid PK shows outstanding viscosity build-up properties in a basic Sodium Laureth Sulfate based formulation. High viscosity values are obtained at low dosage level.

FORMULATION DETAILS

INGREDIENT	% w/w
Water	48.0
Euroquat HC47 VG	5.0
LES28	45.0
Eur-Amid type	2.0



FOAMING CHARACTERISTICS

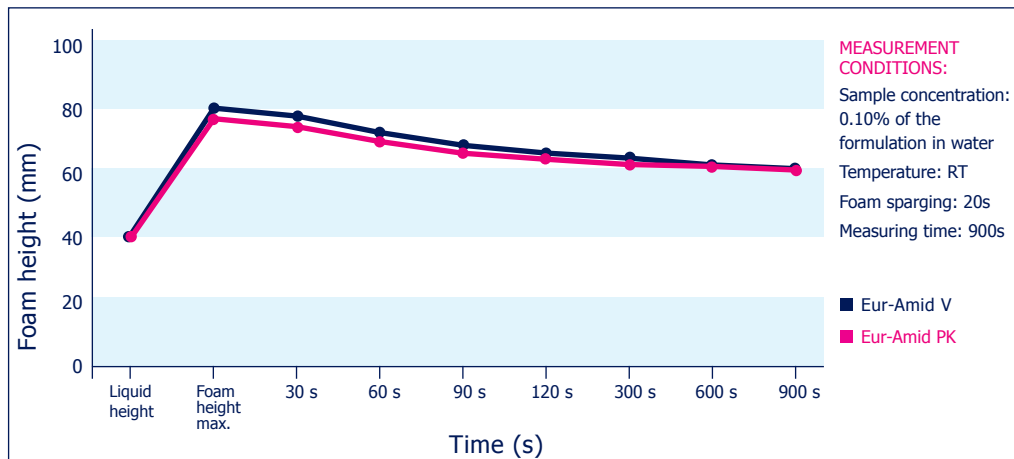


FOAM FORMATION AND STABILIZATION PROPERTIES

The foam behavior of different alkanolamides was studied in a basic formulation containing Sodium Laureth Sulfate and Cocamidopropyl Betaine using the Kruss Dynamic Foam analyser. Below graph illustrates that Eur-Amid PK and Eur-Amid V are excellent foam boosters.

FORMULATION DETAILS

INGREDIENT	% w/w
Water	48.0
Euroquat HC47 VG	5.0
LES28	45.0
Eur-Amid type	2.0



GUIDE FORMULATIONS



Eur-Amid PK finds its application in a wide range of personal care and home care products. In the PEG & SLES free shower gel, Eur-Amid PK contributes to foaming and easy viscosity build-up.

Eur-Amid PK is used in scouring cream for its cleaning and foaming boosting properties. The formulation has a viscosity of ca. 4000 mPa.s and a pH of 12.5.

Shower gel – PEG & SLES free Ref 11256-15F		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	72.6
Ammonium Lauryl Sulfate	Ammonium Lauryl Sulfate	21.4
Eur-Amid PK	Cocamide DEA	2.5
Euroquat PK47	Cocamidopropyl Betaine	2.5
Sodium chloride	Sodium Chloride	Qs to 3000 mPa.s
Lactic acid	Lactic Acid	Qs to pH 6.0

Scouring cream Ref 16081-17		
INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	55.9
Calcium carbonate	Calcium Carbonate	10.0
Euroxide LO/A	Lauramine Oxide	25.8
Eur-Amid PK	Cocamide DEA	2.5
Sodium hydroxide	Sodium Hydroxide	1.0
Euroflow 100	Acrylates/Beheneth-25 Methacrylate Copolymer	4.8



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.