



EUR-AMID N2

mild multifunctional water soluble emollient

PRODUCT DESCRIPTION

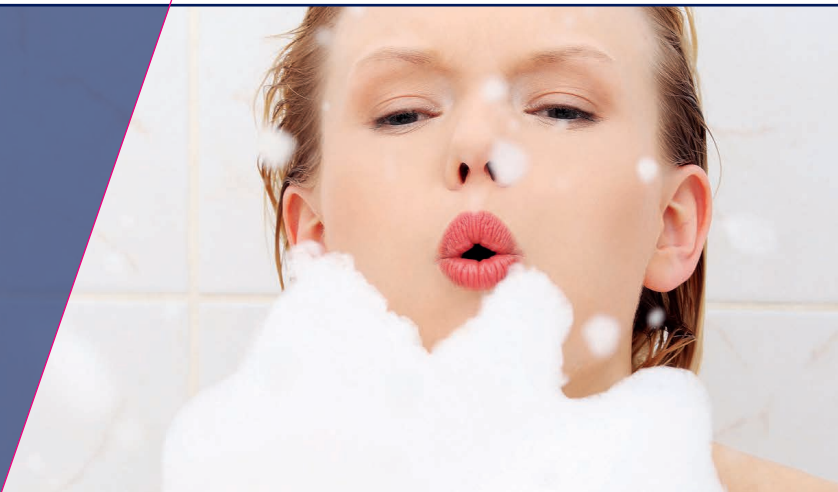
Eur-Amid N2 is a mild multifunctional water soluble emollient used for its excellent foam boosting and viscosity building properties in a wide range of surfactant based formulations. Eur-Amid N2 has been especially designed for imparting smoothness to skin.

INCI DESCRIPTION

Propylene Glycol (and) Cocamide MIPA (and) Laureth-4 (and) Soy Acid (and) Capric Acid (and) Caprylic Acid

BENEFITS

- Foam boosting
- Creamy foam
- Skin smoothness
- Emolliency
- Viscosity builder
- Reduction of irritation of anionic surfactants to skin and eyes
- Vegetable origin
- Preservative free
- Cold processable



APPLICATIONS

Personal care

- shampoos
- body washes
- foam baths
- facial cleansers
- liquid soaps



Home care

- dish washing liquids
- all-purpose cleaners
- car cleaners
- fine laundry detergents

PROPERTIES

SKIN FEEL ENHANCEMENT

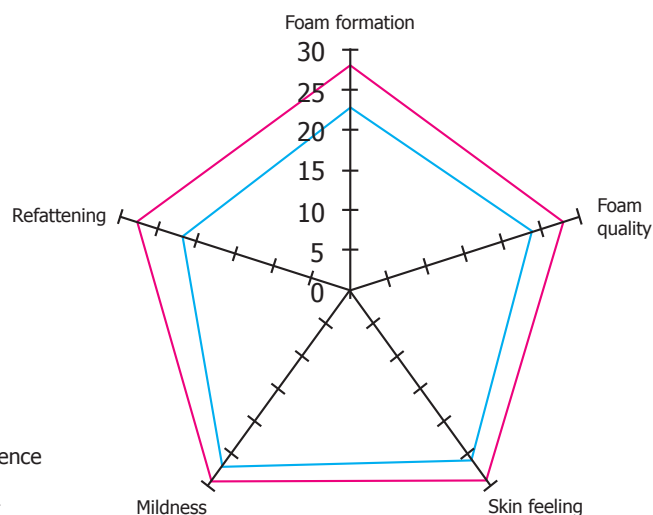
Addition of Eur-Amid N2 to a basic surfactant solution leads to pleasant foam and appreciated skin smoothness. A panel of volunteers tested the performance of Eur-Amid N2 against a market reference in a liquid hand soap.



PANEL TEST RESULTS

FORMULATION DETAILS

INGREDIENT	INCI DESCRIPTION	% w/w
Water	Aqua	62.0
LES28	Sodium Laureth Sulfate	24.0
Euroquat HCB LA	Cocamidopropyl Betaine	12.0
Water soluble emollient	-	2.0
Citric acid	Citric Acid	Qs to pH 6.0
Sodium chloride	Sodium Chloride	Qs



— Market reference
— Eur-Amid N2

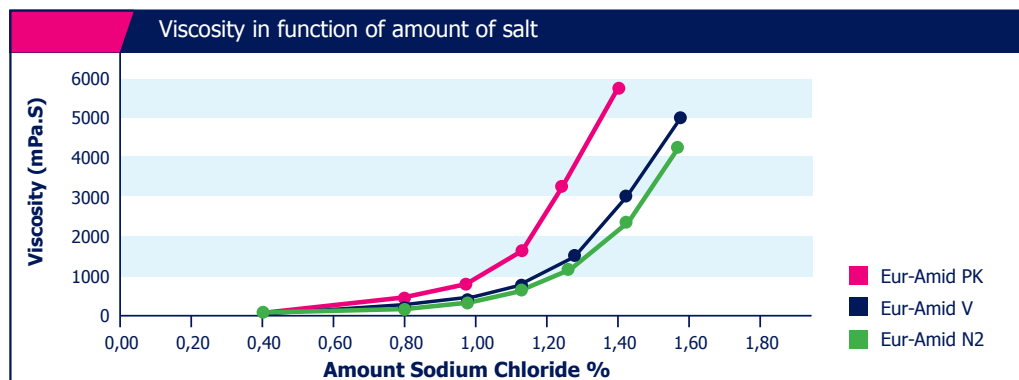
VISCOSITY BUILD-UP PROPERTIES



Alkanolamides show excellent viscosity build-up properties in a basic Sodium Laureth Sulfate based formulation. High viscosity values are obtained at low dosage level. Below graph illustrates that the viscosity building properties of Eur-Amid N2 are close to Eur-Amid V in a 1/1 replacement.

FORMULATION DETAILS

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



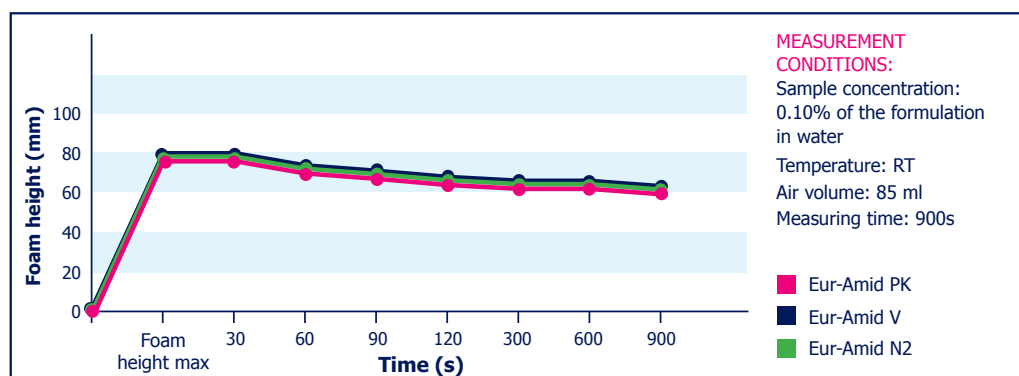
FOAMING CHARACTERISTICS



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 shows that the foaming properties of Eur-Amid N2 are similar to Eur-Amid PK and Eur-Amid V in a 1/1 replacement.

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



GUIDE FORMULATION



Eur-Amid N2 is promoted as an alternative for Cocamide DEA for customers who want to avoid Cocamide DEA in their formulations. In below formulation Eur-Amid N2 is used in a moisturizing 2-in-1 bath cream to improve the skin feeling and to boost the foaming and viscosity building properties.

Moisturizing 2-in-1 bath cream Ref 023-1B		
INGREDIENTS	INCI DESCRIPTION	% w/w
Water	Aqua	58.0
LES28	Sodium Laureth Sulfate	30.0
Euroquat HCB LA	Cocamidopropyl Betaine	7.0
Eur-Amid N2	Propylene Glycol (and) Cocamide MIPA (and) Laureth-4 (and) Soy Acid (and) Capric Acid (and) Caprylic Acid	2.0
EuroNac AN10	Glycol Distearate (and) Sodium Laureth Sulfate (and) Cocamide MEA (and) Laureth-10	2.0
Glycerin	Glycerin	1.0
Lactic acid	Lactic Acid	Qs to pH 6.0
Preservative	-	Qs
Sodium chloride	Sodium Chloride	Qs to 4000 mPa.s

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