

# Personal CARE

## CAPMUL® S12L Sodium Lauroyl Lactylate

Multifunctional, eco-friendly ingredients made from naturally occurring raw materials. A food grade, extremely mild, non-ethoxylated material for use in liquid soaps, shampoos, hair products, creams, lotions and bar soaps. Delivered by ABITEC as an easy to use, pourable liquid.

### ANIONIC FORMULATIONS:

- ✓ Provides **copious** amounts of rich, creamy, improved **foam** in face washes and shampoos
- ✓ Leaves a moisturizing after-feeling and re-fattening of the skin after wash off
- ✓ A surfactant **alternative to alkanolamides** to build viscosity
- ✓ Can be utilized in “**sulfate-free**” systems
- ✓ Acts as a **coupler** and **solubilizer**
- ✓ **Mild** enough for **face washes** and cleansing cloths
- ✓ Can be used in “**soap-free**” cleansing bars
- ✓ At an appropriate pH (4.5-6.0), contributes lactic acid moiety to **anti-aging cleansers and washes**



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**CAPMUL® S12L** – an easy to use, pourable liquid. No heating necessary saving you time, labor and energy in the formulation of personal care products.

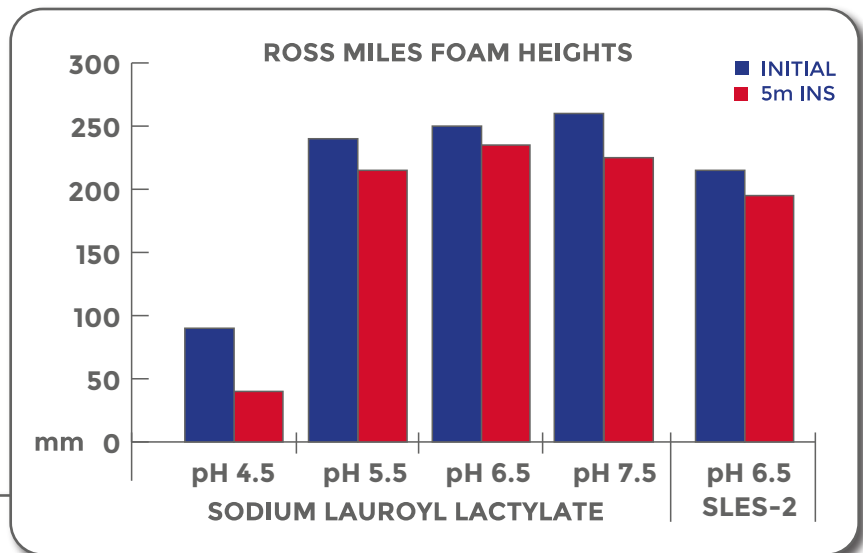
## LOTIONS and CREAMS:

- ✓ Acts as a **primary emulsifier**
- ✓ Can contribute to the **thickening** of cream or lotion
- ✓ Offers improved **emolliency** and **skin feel**
- ✓ An **alternative to an ethoxylated emulsifier** for use in “natural” systems
- ✓ **Gentle** enough for use in baby products or eye creams

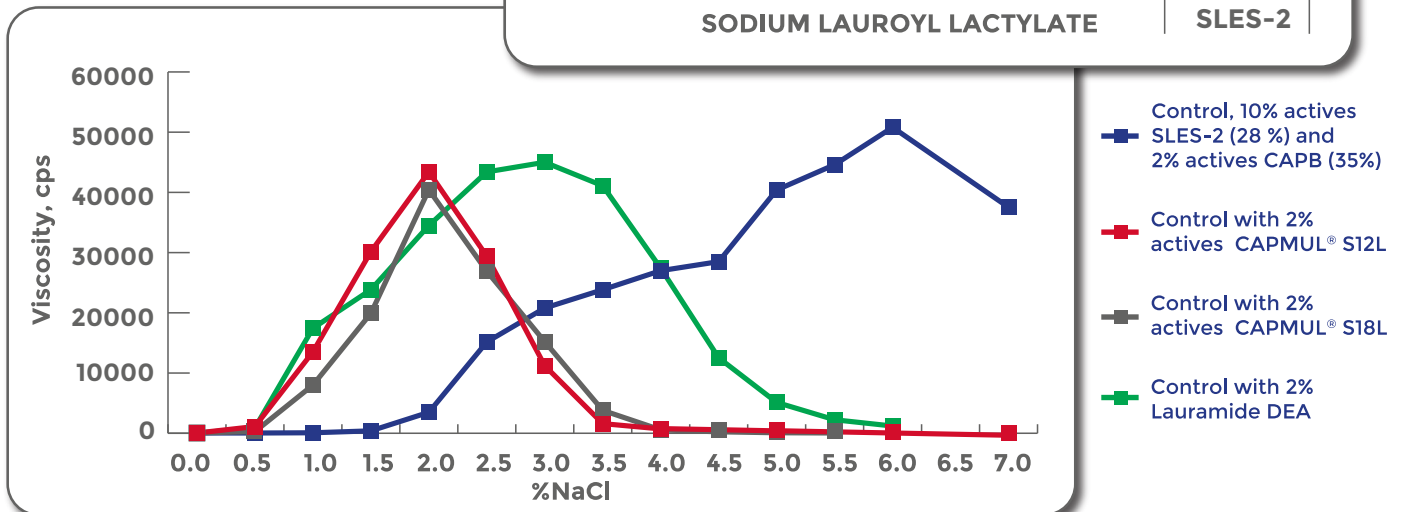
## in HAIR care:

- ✓ Acts as a **conditioning agent** in hair rinses and leave-on formulations
- ✓ Excellent **humectant** which can be used in “hair repair” formulations

**Effect of pH on foaming profile of CAPMUL S12L using the Ross miles Foam height Test. Surfactants tested at 1% actives in deionized water.**



## Viscosity Curves



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