

Beyond the Surface

News, developments and innovation from Zschimmer & Schwarz Surfactants

PROTELAN LS 9011 AND 9011/C

Selective cleansing via natural multifunctional surfactants

Sarcosinates are a very mild category of amino acid-derived surfactants which can be used in a wide range of formulations for personal care or industrial application. They are capable of reducing irritation caused by other surfactant products and help to maintain skin moisture levels. They are substantive to skin and hair, protecting them during the wash process. At the same time, they are easy to remove without leaving unwanted residues during rinse-off.

In household applications they can help to reduce tackiness of lauryl sulphate based formulations, impart excellent wetting properties to textile cleaners, avoid oily residues in hard surface cleaners and also show lubricating and corrosion inhibition characteristics. The main fields of application are:

- **Shampoos**
- **Foam baths and shower gels**
- **O/W emulsions**
- **Baby products**
- **Oral care**
- **Cleansing bars**
- **Carpet cleansers**
- **Textile auxiliaries**
- **Window cleaners**
- **Dishwashing products**
- **Corrosion protection (e.g.: aerosol containers)**
- **Valve lubrication**

PROTELAN LS 9011 (Sodium Lauroyl Sarcosinate) and **PROTELAN LS 9011/C** (Sodium Cocoyl Sarcosinate) are just two examples of sarcosine derivatives currently available from Zschimmer & Schwarz. These materials are ideal for the formulation of modern performing and cost effective cosmetic or industrial products thanks to their advanced characteristics and multiple benefits.



ZSCHIMMER & SCHWARZ
GmbH & Co. KG
CHEMISCHE FABRIKEN
Chemie nach Maß

Max-Schwarz-Straße 3-5
D-56112 Lahnstein/Rhein
Fon +49 (0) 2621/12-262
Fax +49 (0) 2621/12568
www.zschimmer-schwarz.de

