

**TECHNICAL DATA SHEET****Product Name****Galsoft SLG Plus****DESCRIPTION**

Chemical Name	: Glycine, N-(1-oxododecyl)-, monosodium salt
INCI Name	: Sodium Lauroyl Glycinate
CAS Number	: 18777-32-7
EC Number	: Not available
Chemical Formula	: $\text{CH}_3-(\text{CH}_2)_n-\text{CO}-\text{NH}-\text{CH}_2-\text{COONa}$ (n = 10)

**TECHNICAL SPECIFICATIONS**

Appearance / Nature	: Clear to slightly turbid liquid
Odour	: Characteristic
Colour	
a) description	: Colourless to pale yellow
b) on APHA, maximum	: 150
Active matter, % by mass	: 19 - 21
Viscosity in mpas, maximum	: 3500
pH (as such at 25°C)	: 10 - 11
Solids content (at 140°C, 1 hr), % by mass	: 24 - 29
Free fatty acid, % by mass, maximum	: 2.5
Chloride as NaCl, % by mass	: 4.0 - 5.5
Total heavy metals as Pb, ppm, maximum	: 20
Microbial Count, TVC, cfu/ml	: < 10
Microbial Count, Y/M, cfu/ml	: < 10

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**PROPERTIES**

- Primary / secondary moisturizing surfactant
- Exceptionally mild and hypoallergenic, non irritating surfactant even at high concentration
- Very soft for the skin
- Generates rich, creamy lather
- Hair and skin conditioning agent
- Improves rinsibility of formulation
- Excellent synergism with Sodium Laureth Sulfate to increase foam volume and creaminess effect
- Good compatibility with other ingredients in toothpaste

**APPLICATIONS**

**Galsoft SLG Plus** is used in wide range of applications such as:

- Ethylene Oxide and Sulfate/Sulfonate free personal care formulation
- Paste type facial cleanser
- Mild shampoos, body washes
- Shaving preparation
- Shower gel

**PACKING**

**Galsoft SLG Plus** is available in 200 litres HMHDPE carboys. Total of 80 carboys i.e. 16 MT can be shipped palletized or non-palletized in 20 ft. full container load. It is available in IBC (1 MT capacity). 18 IBC i.e. 18 MT can be shipped in 20 ft. full container load. 22.5 MT of Galsoft SLG Plus can also be supplied in ISO tanks

### **HANDLING AND STORAGE**

Store the material in a clean, dry place at 25 - 50°C away from direct heat and sunlight. Keep the containers tightly closed. In original sealed containers, when stored as suggested, the shelf life of the product is at least two years. Use entire product, once the carboy is opened. Once IBC is opened, consume the product within a week. When taken in ISO tanker, it is recommended that material be consumed within one month's time, after unloading in storage tank. Product solidifies, if stored at  $\leq 9^{\circ}\text{C}$ . If it solidifies, it is recommended to increase the temperature of product maximum to 55°C by heating the jacketed ISO tanks with hot water or low pressure steam ( $< 2 \text{ kg/cm}^2$ ). If the product becomes frozen in IBC / HMHDPE carboys, then keep the same in hot room of 30 - 40°C (avoid direct heating). Post melting to liquid, entire mass has to be made homogeneous before use. During storage, stacking should be maximum 1+1 IBC / carboys (palletized / non - palletized).

Spill should be contained / collected and disposed off as per the regulations. Avoid ingestion and contact with eyes, skin and clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, if necessary

Product Name : **Galsoft SLG Plus**  
Version : 02  
Date of issue : 2<sup>nd</sup> August, 2017  
TDS Updated by : BB / AD  
Authorised by : BP

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