

TECHNICAL DATA SHEET

Product Name**Galguard LipoG****DESCRIPTION**

Galguard LipoG is a multi-functional skin and hair care active ingredient based on lipidated glycines made from fatty acid and glycine using patented green technology

INGREDIENTS

Sr. No.	INCI Name / Chemical Name	CAS Number	EC Number
1	Undecylenoyl Glycine	54301-26-7	427-430-5
2	Capryloyl Glycine	14246-53-8	238-122-3

TECHNICAL SPECIFICATIONS

Appearance / Nature	: Flakes
Odour	: Characteristic
Colour	
a) Description	: Pale yellow to yellow
b) Colour on Lovibond, Y+R on 1" cell (10% w/w solution in methanol), maximum	: 10
pH (1% aqueous dispersion), at 25°C	: 2.5 - 3.5
Capryloyl Glycine and Undecylenoyl Glycine, % by mass, minimum	: 92.0
Moisture content, % by mass, maximum	: 2.0
Acid value, mg KOH/g	: 245 - 260
Melting point, °C	: 85.0 - 95.0

PROPERTIES

- Galguard LipoG is a versatile active ingredient. Galguard LipoG is a derma-purifier which inhibits the growth of microbes responsible for skin disorder
- Galguard LipoG exhibits excellent anti-dandruff property reducing scalp irritation. Galguard LipoG shows good anti-microbial activity against *Malassezia furfur*
- Galguard LipoG also exhibits great anti-acne property reducing sebum production and acne by limiting the proliferation of acne-causing germs. Galguard LipoG shows good anti-microbial activity against *Propionibacterium acnes*

BENEFITS

- Suitable for sensitive skin formulation
- Anti-microbial effect, reduces the quantity of preservative
- Effective in both rinse-off and leave-on formulations
- Compatible with most personal care ingredients

APPLICATIONS

- Skin Care: Face/Neck Leave-on and Rinse-off formulations: Anti-acne facewash
- Hair Care : Leave-on and Rinse-off formulations: Anti-dandruff and oily hair shampoo

Note

- Recommended use level: 1.5 - 3.0%
- Best efficacy: When pH of the formulation is below 5.0

PACKING

Galguard LipoG is available in 50 liter paper fibre drums with HDPE liner. Total of 180 drums i.e. 4.5 MT (25 kg per drum) can be shipped palletized in 20 ft. full container load. It can also be supplied in 25 kg Kraft paper bags with HDPE liner. Total of 480 bags i.e. 12 MT can be shipped palletized in a 20 ft. full container load

HANDLING AND STORAGE

Store the material in a clean, dry place at < 40°C away from direct heat and sunlight. Keep container tightly closed. Colour of the product may deteriorate on exposure to heat and sunlight. In original sealed condition, when stored as suggested, the shelf life of product is two years. Once the drum/bag is opened, consume the product within a week. No stacking of palletized paper fibre drums /kraft paper bags during storage

Spill should be contained / collected and disposed off as per the regulations. Avoid ingestion and inhalation. When concentration in air is high, use appropriate mask. Avoid contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention

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Product Name : **Galguard LipoG**
Version : 02
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Authorized by : BP

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