

**TECHNICAL DATA SHEET****Product Name****Galaxy LES 70****DESCRIPTION**

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| Chemical Name | : Sodium Lauryl Ether Sulfate |
| INCI Name | : Sodium Laureth Sulfate |
| CAS Number | : 68891-38-3 |
| EINECS Number | : 500-234-8 |
| Chemical Formula | : R-OCH ₂ CH ₂ OCH ₂ CH ₂ OSO ₃ Na (R = C ₁₂₋₁₄ natural) |

TECHNICAL SPECIFICATIONS

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| Appearance/nature | : Viscous flowable liquid |
| Colour | |
| a) Description | : Colourless to pale yellow |
| b) on APHA (20% aqueous solution), maximum | : 25 |
| Odour | : Characteristic |
| pH (1 % aqueous solution) | : 6.5 – 8.5 |
| Active Matter, % by mass (Mol. wt. 384), minimum | : 68 |
| Sulfate, % by mass as Na ₂ SO ₄ , maximum | : 1.5 |
| N.D.O.M., % by mass (on 100% A.M. basis), maximum | : 3.0 |
| 1, 4 Dioxane (on 100% A.M. basis), ppm, maximum | : 30 |
| Iron content as Fe, ppm, maximum | : 5 |
| Heavy metals as Pb, ppm, maximum | : 15 |
| Microbial count, TVC, cfu/ml | : < 10 |

PROPERTIES

Galaxy LES 70 is an anionic surfactant. It is water-soluble. It has excellent foaming power and detergency properties. It can be used with other anionic, non-ionic or amphoteric surfactants. However, due to its anionic character, it should not be used with cationic components like cationic surfactants, cationic dyes etc.

APPLICATIONS

Galaxy LES 70 is used for a wide range of applications such as:

- In shampoos, foam baths and shower gels as a basic surfactant and foaming agent
- In liquid detergents and dish washing formulations for detergency and foaming
- In bathing bars (syndet and combi-bars), body wash, liquid soap, etc

PACKING

Galaxy LES 70 is available in 220 kg HM-HDPE drums. Total of 80 drums i.e. 17.6 MTs can be shipped in either palletized or non-palletized 20 ft. full container load. It can also be shipped in IBCs with 1 MT capacity and ISO containers with capacity of 22 to 24 MTs.

HANDLING AND STORAGE

Store in a clean, dry area, away from sunlight and heat. The recommended storage temperature is 20⁰ – 40⁰C. Keep drums tightly closed. In the original, sealed drums and kept at recommended storage conditions, the product can be stored for at least 1 year. Spills may be cleaned by flushing with sufficient amount of water. Avoid ingestion and direct inhalation (where air concentration is high, appropriate mask is suggested) and also avoid contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. Stacking should be maximum 1+1 drums.

Galaxy LES 70

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Product Name : **Galaxy LES 70**
Version : 03
Date of issue : 12.10.2010
TDS Updated by : Mr. Sanjay Joshi
Authorised by : Mr. Kishor Ingale
Ref. Doc. FGSM-IBC : 3.7.05

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