



TECHNICAL DATA SHEET

Product Name

Galaxy ESS

DESCRIPTION

Chemical name	: Disodium Laureth Sulfosuccinate
INCI name	: Disodium Laureth Sulfosuccinate
CAS Number	: 40754-59-4
EINECS Number	: 255-062-3
Chemical Formula	: R-(OCH ₂ CH ₂) ₃ -OCOCH(SO ₃ Na)CH ₂ COONa (R = C ₁₂₋₁₄ natural)

TECHNICAL SPECIFICATIONS

Appearance/nature	: Clear, low viscous liquid
Odour	: Characteristic
Colour	
a) Description	: Colourless to pale yellow
b) on Lovibond (5 ¼" cell, on Y+R), maximum:	4
pH (10 % aqueous solution)	: 5.0 – 7.0
Sulphite, % by mass as Na ₂ SO ₃ , maximum	: 0.3
Viscosity (at 28 ⁰ C), cps, maximum	: 200
Solid content (105 ⁰ C, 2 hrs), % by mass	: 38 - 40
Microbial count, TVC, cfu/ml	: < 10

APPLICATIONS

Galaxy ESS is a mild anionic surfactant used across a wide array of personal care formulations, especially in mild hair shampoos, baby shampoos, foam baths and shower gels. Typically it is used along with other anionic surfactants like Sodium Lauryl Ether Sulfate wherein they reduce the irritancy of the formulation.

PACKING

Galaxy ESS is available in 250 kg HM-HDPE drums. Total of 80 drums i.e. 20 MT palletized and 18 MT in IBC can be shipped in a 20 ft. full container load.

HANDLING AND STORAGE

Store in a clean and dry area away from sunlight and heat. Store between 20⁰-30⁰ C. Once the drum is opened ensure airtight closure after usage. In the original sealed containers and kept at suggested storage conditions, the product can be stored for at least 6 months. On prolonged storage, the material may undergo hydrolysis. The rate of hydrolysis depends on the temperature and pH. Material may become hazy and show some precipitation when chilled. Gentle warming (not exceeding 35⁰C) with mixing should bring back the material to its original state. If the material does not return to the original state, it should not be used. Spills may be cleaned by flushing with sufficient amount of water. Avoid ingestion and 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.

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Product Name : **Galaxy ESS**
Version : 02
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TDS Updated by : Mr. Sanjay Joshi
Authorised by : Mr. Milind Patil
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