

Galaxy Surfactants Ltd.

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**TECHNICAL DATA SHEET****L Lauril S.S. 95% USP AGUJAS**

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Rev.: 2 - Fecha: 18/08/2023



Distribuido por:

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Product Name**Galaxy 799 SP-MB****DESCRIPTION**

Chemical Name	: Sodium Lauryl Sulfate
INCI Name	: Sodium Lauryl Sulfate
CAS Number	: 85586-07-8
EC Number	: 287-809-4
Chemical Formula	: R-OSO ₃ Na (R = C ₁₂₋₁₄)

TECHNICAL SPECIFICATIONS

Appearance / Nature	: Needles
Colour	: White to off - white
pH (1% aqueous solution)	: 7.5 - 10.5
Active matter, % by mass (Mol.wt. 298), minimum	: 95
N.D.O.M., % by mass, maximum	: 1.5
Sulfate as Na ₂ SO ₄ , % by mass, maximum	: 2.0
Moisture content, % by mass, maximum	: 3.0
Iron content as Fe, ppm, maximum	: 20
Alkalinity as ml of 0.1 N HCl per gram, maximum	: 0.6
Heavy metals as Pb ppm, maximum	: 10
Lead as Pb, ppm, maximum	: 5
Arsenic as As in ppm, maximum	: 2
Bulk density, g/l	: 400 - 600

PROPERTIES

- Galaxy 799 SP-MB is an anionic surfactant in needle form, which minimizes the dusting
- It has excellent foaming power and detergency property. It is also a good emulsifier
- It is most effective under alkaline conditions (pH > 7.5)
- 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 799 SP-MB is used for a wide range of applications including:

- In tooth-paste as a foaming agent at concentration 1.5 - 3.0% of the total weight
- In shampoos as a surfactant and as a foaming agent
- In bathing bars (syndet and combi-bars), body wash, liquid soap, shower gels, etc. as a surfactant and as a foaming agent
- In pharmaceuticals as an emulsifier in ointment preparations, as a disintegration agent in tablets and as an intermediate in synthesis of erythromycin estolate
- In textile auxiliaries as a scouring agent
- In emulsion polymerization as an emulsifier
- In detergents as a surfactant and as a foaming agent for enhancement of performance especially in hard water

PACKING

Galaxy 799 SP-MB is available in 20 kg HDPE laminated kraft paper bags with HDPE liner. 560 bags palletized i.e. 11.2 MT or 750 bags non - palletized i.e. 15 MT can be shipped in a 20 ft. full container load. It can also be supplied in 500 kg jumbo bags. Total of 20 jumbo bags i.e. 10 MT can be shipped in 20 ft. full container load

HANDLING AND STORAGE

Store the material in a clean, dry place at below 40°C, away from moisture, direct heat and sunlight. Keep the bags tightly closed. Agglomerates may form on storage. Since the product is hygroscopic in nature, use the product within a week after opening the bag. In the original sealed condition, when stored as suggested, the shelf life of the product is two years. Slight pH drop is possible over prolonged storage. In case of drop in pH, it is safe to use the material as long as the pH is ≥ 7.0 . During storage, to avoid lumping, stack maximum 8 bags (non-palletized) and for palletized, single pallet on ground or in rack. Each Jumbo bag should be stored separately with crates or in the palletized form

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) and also avoid contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention

Product Name : **Galaxy 799 SP-MB**
Version : 01
Date of issue : 18th June, 2021
TDS Updated by : PD / SY
Authorised by : BP

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