

Technical Data**EMPICOL® LZV / B****Sodium Lauryl Sulfate****Description**

EMPICOL® LZV / B is dried sodium lauryl sulfate in the form of needles.

Sales specification (parameters quoted on certificate of analysis)

Appearance at 25°C	Needles
Active matter (MMW 303)	92.0% min.
pH (1% solution)	9.5 - 11.5
Sodium sulphate	1.5% max
Water	4.0% max
Col. Hazen (5% sol.in H2O at 40°C) H2O as ref.	25 max

Test methods are available from Huntsman upon request

Additional Information

Colour	white to cream
Density at 20°C	typical 0.5 g/cm ³
Sodium chloride	0.5 % max
Alkalinity	1.5 N/10 HCl/g max
Unsulphated matter	2.0% max

Applications

EMPICOL® LZV / B is a versatile surfactant capable of producing a fine, creamy foam. It is also a good emulsifier and an excellent wetting agent, with good electrolyte tolerance, making it ideal for use as the primary surfactant in a range of cosmetic and detergent applications, such as shaving creams, laundry detergents and additives and toilet blocks.

It also finds application as an emulsifier, wetting and foaming agent in many other diverse markets.

Handling and storage

See also the corresponding Safety Data Sheet for further information on health and safety.

Store the product away from excessive heat and humidity and maintain in closed bags or sealed containers.

It is possible that compaction might occur at elevated temperatures or during prolonged storage. This will not normally affect other aspects of product quality. It is recommended that pallets are not double stacked to minimize the risk of compaction.

This product is considered chemically stable for at least 2 years from the date of manufacture. After this period it is recommended to re-check the analysis according to the specification.

Preservation

This product does not contain a preservative as it is relatively resistant to microbial contamination. When it is diluted or incorporated into a formulation we recommend the addition of a preservative approved by the appropriate legislation.

Regulatory Information

INCI Name Sodium Lauryl Sulfate

This product is wholly derived from raw materials of vegetable, mineral and / or synthetic origin and materials of animal origin are not intentionally employed on the units where it is manufactured or processed. Therefore we have no reason to expect the possibility of contamination by agents that might cause BSE / TSE.

Feedstocks may include material chemically derived from coconut or palm kernel oil. To the best of our knowledge, neither species is grown on a commercial scale using genetically modified strains. In addition, it is believed that genetically modified material would not survive the subsequent physical and chemical processes involved during extraction of the oil and chemical derivatisation.

This product is suitable for use in formulations that must comply with the European regulations on Cosmetics (1223/2009/EC) and Detergents (648/2004/EC) and their subsequent amendments.

EMPICOL® LZV / B

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