Technical Data

EMPICOL® LZV / N

Description

EMPICOL ® LZV / N 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.
Unsulphated matter *	1.5% max.
Sodium sulphate	1.5% max.
Water content	4.0% max
pH (1% solution)	9.0 - 10.5
Alkalinity	0.5 N/10 HCl/g max.
Col. Hazen (5% sol.in H2O at 40°C) H2O as ref.	20 max.

Test methods are available from Innospec upon request

Additional Information	
Colour	white to cream
Density at 20°C (tapped)	typical 0.5 g/cm^3
Sodium chloride	0.5% max.

Applications

EMPICOL® LZV / N is ideally suited for use as a foaming and wetting agent in oral care products and as an excipient in pharmaceuticals.It is manufactured specifically to meet the requirements of the monographs for sodium lauryl sulphate in the U.S. Pharmacopoeia (USP39/NF34) and European Pharmacopoeia 8th edition.

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

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 exctraction 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.

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