



Technical Data

EMPILAN® ME10-CN

Description

EMPILAN® ME10-CN is a coconut-based 10-mole ethoxylate. It is a water-soluble, nonionic surface active agent which is compatible with other nonionic surfactants and with most anionic and cationic surfactants.

Sales specification (parameters quoted on certificate of analysis)

Appearance at 25°C	Clear yellow liquid
Cloud point, °C (1% aq. with one drop of 50% citric acid)	45 - 55
Color (Gardner)	4 max.
pH (5% in aq.sol.)	6 - 8
Water, wt%	1 max.

Test methods are available from Innospec upon request

Additional Information

Flash point, PMCC, °C	181
Melt/Freeze point, °C	16
Density at 25°C, g/ml	1.03
Viscosity, kinematic, cSt at 37.8°C	42
HLB	13.4
Water Solubility	Soluble

Applications

EMPILAN® ME10-CN is an excellent emulsifier and detergent used in Personal Care Products, Laundry Prespotters and Hard Surface Cleaners



Handling and storage

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

EMPILAN® ME10-CN surfactant may be satisfactorily stored in corrosion resistant tanks such as stainless steel, aluminum or fiberglass.

For longer term color stability, it is recommended that the product be stored under an inert atmosphere. Solid sediment may form upon standing. There should be circulation in the storage vessel to keep solids suspended.

Low pressure steam coils in storage tanks and steam tracing of transfer lines should be provided in cases where low environmental temperatures may make pumping of the product difficult.

This product is considered chemically stable for at least 24 months. After this period it is recommended to re-check the analysis according to the specification.

Preservation

This product does not contain a preservative and it is relatively resistant to microbial contamination.

When it is diluted or incorporated into a water-based formulation, the addition of a preservative approved by the appropriate legislation is recommended.

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 during manufacturing or processing. Therefore we have no reason to expect the possibility of contamination by agents that might cause BSE / TSE.

Raw materials derived from genetically modified organisms (GMO) are not intentionally used during the manufacture or processing of this product.

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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