

Technical Data Sheet

Lumisolve™ O-75

General product information

Product name	Lumisolve O-75
Chemical name	sodium 2-[(9E)-N-methyloctadec-9-enamido]ethane-1-sulfonate
CAS number	1471313-87-7 (EU) // 137-20-2 (Non-EU)
EINECS number	List number: 939-538-4 (EU) // 205-285-7 (Non-EU)
EU-Registration number	01-2119976349-20-0001
Customs tariff number	3402 39 90

Specifications (parameters quoted on CoA)

Characteristics	Unit	Target value	Applied method
Active content	% (m/m)	70 – 78	LT-M 18
Sodium chloride	% (m/m)	15 – 25	LT-M 16
Water	% (m/m)	< 2,5	LT-M 34 (DIN 51777)
pH value (2 % sol.)		6,5 – 8,5	LT-M 33 (DIN EN 1262)

Additional information

Appearance at 25 °C	white to light yellow powder
Melting / freezing point	approx. 170 °C
Ignition temperature	approx. 400 °C
Density at 20 °C	approx. 1,3 g/cm ³ (OECD 109)
Bulk density	approx. 650 kg/m ³
Solubility in water at 20 °C	approx. 38 g/l

The information provided in this document is based on the best of our knowledge and experience. It is intended as a general description of our product specifications and shall not constitute a guarantee or agreement regarding the quality of the specified products, respectively. The customer remains responsible for the inspection and testing of the specified products, as well as any supplementary information and documents provided alongside with the specified products, in particular the material safety data sheets, in order to determine their suitability for their particular application.

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Product application

Lumisolve O-75 is a high-performance wetting and cleaning agent with both foam stabilizing and boosting properties. Due to its excellent tolerance to hard water, broad pH stability and good compatibility with oils, Lumisolve O-75 is a versatile additive for a wide range of industrial formulations, including agrochemicals, detergents & cleaners and cement admixtures. Lumisolve O-75 can be used as a primary surfactant or in combination in surfactant systems as co-surfactant. Lumisolve O-75 is suitable for industrial applications only.

Storage and Handling

Avoid contact with eyes, skin and clothing and prevent formation of dust. Ensure good ventilation / exhaustion at the workplace and protect against electrostatic charges.
Store in dry and cool location and away from foodstuffs. Protect from frost, heat and direct sunlight. Keep container tightly sealed. In enclosed original container product keeps stable for at least 2 years. Please refer to the Safety Data Sheet (SDS) for this product for instructions on safe and proper handling and disposal.

Packaging

Paper bags	25 kg
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	Laboratory	Production	Product Management
Date			
Signed by	Schmidt	York	Kielas
Version	09/23 (replaces --/--)		