

## Technical Data Sheet

## Lumisolve™ C-30

### General product information

<b>Product name</b>	<b>Lumisolve C-30</b>
<b>Chemical name</b>	Fatty acid chlorides, C12-18 (even numbered) and C18 unsatd., reaction products with sodium N-methyltaurinate
<b>CAS number</b>	1471313-51-5 // 61791-42-2 (Non-EU)
<b>EINECS number</b>	List number: 939-529-5 // 263-174-9 (Non-EU)
<b>EU-Registration number</b>	01-2119976339-21-0001
<b>Customs tariff number</b>	3402 39 90

### Specifications (parameters quoted on CoA)

Characteristics	Unit	Target value	Applied method
Active content	% (m/m)	29 – 31,5	LT-M 18
Free fatty acid	% (m/m)	0 – 3	LT-M 18
Sodium chloride	% (m/m)	5,5 – 8,5	LT-M 16
Water	% (m/m)	56 – 66	LT-M 34 (DIN 51777)
pH value (1 % sol.)		7 – 9	LT-M 33 (DIN EN 1262)

### Additional information

Appearance at 25 °C	white paste
Ignition temperature	approx. > 370 °C
Vapour pressure at 25 °C	approx. 3 kPa

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 C-30 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 C-30 is a versatile additive for a wide range of industrial formulations, including agrochemicals, detergents & cleaners and cement admixtures. Lumisolve C-30 can be used as a primary surfactant at levels up to 30% or in combination in surfactant systems as co-surfactant. Lumisolve C-30 is suitable for industrial applications only.

### Storage

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. **With longer storage under room temperature fogging and separation can occur. That can be eliminated again through homogenisation (to agitate, to warm up, to pump).** Avoid temperatures above 80 °C. 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.

### Handling

Avoid contact with eyes, skin and clothing and prevent formation of dust. **Prior taking portions or samples all the lot must be homogenised. This can be done by heating the product (at approx. 60-70 °C) so long until the whole product is melted; then agitate the product with a stainless steel stirrer until it is a clear and homogeneous liquid. Do not heat over 80 °C. Keep the packaging closed during heating.** Please refer to the Safety Data Sheet (SDS) for this product for instructions on safe and proper handling and disposal.

### Packaging

PE-drum	110 kg 40 kg
steel drums	160 kg

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