

Technical Data Sheet

Lumisorb PSMO-20 K VLG

General product information

Product name	Lumisorb PSMO-20 K VLG
Chemical name	Sorbitan monooleate, ethoxylated
CAS number	9005-65-6
EINECS number	Polymer
EU-Registration number	As a polymer the product is excluded from the registration and evaluation under REACH (Regulation (EC) No. 1907/2006).
Customs tariff number	3402 13 00

Specifications (parameters quoted on CoA)

Characteristics	Unit	Target value	Applied method
Saponification value	mg KOH / g	45 - 55	DIN 51 401
Acid value	mg KOH / g	≤ 2,0	DIN EN ISO 660
Water	%	≤ 0,5	DIN 51 777
pH value (1 % sol.)		6 – 8	DIN EN 1262

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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Additional information

Appearance at 40 °C	liquid, clear, brown
Active content	≥ 99,5 %
HLB (calculated)	14,2
Pour point	approx. - 8 °C (acc. DIN ISO 3016)
Flash point	Approx. 284 °C (acc. DIN EN 51 794)
Density at 40 °C	approx. 1,06 g/cm ³ (acc. DIN 51 757)
Kinematic viscosity at 40 °C	approx. 150 mm ² /s (acc. DIN 51 562)
Ethylene Oxide	max. 100 ppm (acc. to DIN EN 13320)
1,4-Dioxane	max. 1000 ppm (acc. to DIN EN 12974)

Storage and Handling

Store in dry and cool conditions and protect the product from heat and direct sunlight. Keep container tightly closed. Prior taking portions all the lot must be homogenised. 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).
In enclosed original packaging 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

Bulk	5 – 23 t
IBC	1000 kg
steel-drum	200 kg

	Laboratory	Production	Technical Service Management
Date			
Signed by	Schmidt	Rockendorf	Krawietz
Version	05/25 (replaces 02/20)		