

**PRODUCT INFORMATION**

# WARADUR® KME

## Product Description

WARADUR® KME is a special wax blend, consisting of esters of long-chain fatty acids (mainly C28 – C32) with multihydroxyl alcohols. The corresponding esters exhibit chain length in the range of mainly C34 – C66. Product for the preparation of aqueous dispersions. A proprietary emulsifier mixture (APEO-free) is already incorporated in this blend.

## General Advantages

WARADUR® KME is easy to emulsify. Non-ionic emulsions can be prepared in concentrations of 10 % up to 30 %. Because the wax is self-emulsifying, emulsions are easily prepared by stirring the solid flakes/pastilles into hot water.

Technical support available upon request: [application@voelpker.com](mailto:application@voelpker.com).

## Examples of Use

- Polishes: emulsions of WARADUR® KME can be used in dry-bright floor polishes and cleaners for household, industrial and institutional use. They can also be used in leather polishes and car care products.
- Leather industry: additive for leather finishes, for improving handle, flexibility, gloss. Dressing for shoes, release agents.
- Technical information about emulsions preparation available upon request.

## Delivery Specifications \*

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	18 – 26	ISO 2114
Saponification value *	mg KOH/g	90 – 110	ISO 3681
Drop point *	°C	82 – 88	ASTM 3954
Colour	–	pale yellow	AA 3.2.1.505
Viscosity @ 120 °C	mPas	10 – 20	AA 3.2.1.520
Density	g/cm <sup>3</sup>	1.00 – 1.02	Ph. Eur. 2.2.5

## Packaging and Handling

Physical form	Flakes or pastilles
Packaging	Paper bag or Big Bag
Storage	Store at ambient temperature on a dry place. Protect from heat/overheating and direct sunlight. The minimum remaining period is 1.5 years and is defined as the minimum shelf life at the customer. Thereafter, tests of the chemical characteristics are recommended. The maximum shelf life of 5 years is indicated.

## Safety

Consult SDS.

## Delivery Time and Availability

Standard delivery time: 2 – 3 weeks. Preconditions can be met for achieving shorter delivery times on standard products when demanded by the market.

Remark: Voelpker's R&D department is permanently developing new special wax blends for the preparation of aqueous dispersions. Please contact us for your individual requirements.

## Legislation

Food contact legislation:

- Product for technical applications

Other legislation:

- REACH, RoHS and CONEG compliant
- Ingredients listed in all relevant National Inventories

For further information, please contact [application@voelpker.com](mailto:application@voelpker.com).