

PRODUCT INFORMATION

CEVO®-care P-4418

Product Description

CEVO®-care P-4418 is a patented long-chain organic ester wax, based on renewable plant waxes.

General Advantages

CEVO®-care P-4418 is easy to saponify and emulsify (pressureless vessel) and can be buffed to a high gloss. Also provides good dispersion forming properties with organic solvents. For solid pastes the bio-based CEVO®-care P-4420 is recommended.
On the basis of its a.m. properties CEVO®-care P-4418 can be used to reformulate Candelilla wax-based composition. Technical support available upon request.

Examples of Use

CEVO®-care P-4418 can be used to manufacture polishes based on aqueous emulsions of (saponified) wax with or without emulsifiers. It is used in its saponified form in leather care products, polishes and abrasive pastes (e.g. car polishes), etc. It performs particularly well in co-emulsions of wax and solvents in water. CEVO®-care P-4418 can be used in combination with microcrystalline waxes, paraffin wax, hydrogenated plant oils and others.

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	12 – 25	ISO 2114
Drop point *	°C	83 – 90	ASTM 3954
Colour	–	pale yellow	AA 3.2.1.505

Packaging and Handling

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

Safety

CEVO®-care P-4418

- is made from a renewable biological source
- reached the criteria for inherent biodegradability (OECD Guideline 301 D, Closed Bottle Test)
- is not classified as carcinogenic, mutagenic or reprotoxic; no health or environmental hazards are known, provided it is applied in industrial and professional settings

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.

Legislation

Food contact legislation:

- Product for technical applications

Other legislation:

- DIN certified as bio-based (> 85 %)
- REACH, RoHS and CONEG compliant

For further information, please contact application@voelpker.com.