PRODUCT INFORMATION

CEVO®-care P-6548

Product Description

CEVO®-care P-6548 is a special wax blend for the preparation of wax emulsions for various technical applications. Especially for easy-to-polish emulsion films. Emulsions can be processed further in order to receive creams. A proprietary emulsifier mixture (APEO-free) is already incorporated in this blend.

General Advantages

CEVO®-care P-6548 is easy to emulsify. Non-ionic emulsions can prepared up to concentrations of 25 – 30 %. Because the wax is self-emulsifying, emulsions are easily prepared by stirring the solid pastilles into hot water.
Technical support available upon request.

Examples of Use

- Polishes: Emulsions of CEVO®-care P-6548 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.

  Typical emulsification procedure (lab scale):
  1. 50 g of CEVO®-care P-6548 are melted at about 120 – 130°C.
  2. The molten wax is poured in a thin stream into water (150 ml), which is heated to 96 – 98°C whilst being stirred vigorously (1,200 rpm). Speed and dimensions of the mixer should be selected so that the surface of the emulsion liquid forms a deep funnel into which the stream of hot wax is directed without its hitting the side of the vessel or the mixer paddles, in order to avoid solid particles being formed. The emulsion is then cooled as quickly as possible to 40 °C.
  3. The emulsion thus formed with 25 % solid content is beige-coloured and very transparent and when applied to surfaces results in a high gloss without the need for polishing.
- Leather industry: additive for leather finishes, for improving handle, flexibility, gloss. Dressing for shoes.

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	9 – 15	ISO 2114
Drop point *	°C	95 – 106	ASTM 3954
Saponification value	mg KOH/g	approx. 18 – 28	ISO 3681
Colour	–	ochre	AA 3.2.1.505

Packaging and Handling

Physical form	Pastilles
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

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:
- RoHS and CONEG compliant
- Ingredients listed in all relevant national inventories

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

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