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## ***Koster Keunen Holland bv***

### **Product Data Sheet**

#### **Bayberry Wax**

This fruit wax, also known as Myrica Wax, is found on the surface of the berries of the shrub *Myrica Pennsylvanica*. In the North-East U.S.A. Bayberry Wax is used in the manufacturing of candles.

Hot water is used to separate the wax from the freshly picked berries, and a relatively hard, low melting, gray-green crude wax is obtained.

The crude wax is then bleached by Koster Keunen and refined to a light yellow wax with a melting point of about 44 °C.

Because only wild berries are used in obtaining the wax, no pesticides are expected.

#### **Composition**

ca. 50 %	Triglyceride (mainly of C14 / C16 acids)
ca. 43 %	Diglyceride (mainly of C14 / C16 acids)
ca. 7 %	Free Fatty acids (mainly C14 / C16 acids)

Bayberry Wax shows a certain similarity to Japan Wax ( in origin, in properties and in composition), where Bayberry Wax contains mainly myristic acid and some palmitic acid compared to palmitic and some oleic acid in Japan Wax.

The large proportion of myristic acid explains the low melting point and the relative hardness of this wax.

**Applications**      sticks, emulsions, hair care

#### **Specifications**

Colour:	light yellow
Congeaing point:	42 - 45 °C
Acid value:	10 - 20 mg KOH/g
Saponification value:	205 - 225 mg KOH/g
Form:	slabs

**INCI/CTFA Name**              Bayberry Wax