

# ProductData



## Wax - Carnauba American Refined



Koster Keunen, LLC

*Waxes of Superior Quality Since 1852*

Authorized Distributor:

### Description:

Carnauba is a vegetable wax grown only in Brazil and comes from the leaves of the Brazilian "tree of life". Carnauba palm grows in the northern and north-eastern part of Brazil along riverbanks, valleys and lagoons where the soil is dark and fertile.

Koster Keunen imports and then further refines the

Carnauba in their new state-of-the-art facility. Utilizing over 150 years of refining technology, Koster Keunen assures that the processed Carnauba conforms to the highest standards of the Pharmaceutical industry. The wax is then granulated and packaged to customer specifications.

Note: Specific product application recommendations are available on request.

### TYPICAL PROPERTIES:

#### Composition:

<b>Alkyl Wax Acid Esters:</b>	84 - 85%
<b>Free Acids:</b>	3 - 3.5%
<b>Fatty Alcohols:</b>	2 - 3%
<b>Lactides:</b>	2 - 3%
<b>Hydrocarbons:</b>	1.5 - 3%
<b>Resins (Alcohol Soluble):</b>	4 - 6%
<b>Iodine Value:</b>	7 - 14
<b>Unsaponifiable Matter:</b>	50 - 55%
<b>Acetyl Value:</b>	51 - 60%

#### Chemical Properties:

<b>Melting Point:</b>	81°C - 86°C
<b>Flash Point:</b>	> 298°C
<b>Specific Gravity @25°C:</b>	0.996 - 0.998
<b>Acid Value:</b>	2 - 7
<b>Saponification Value:</b>	78 - 95
<b>Ester Value:</b>	75 - 85

#### Compatibility:

Vegetable and Animal Waxes; Natural and Synthetic Resins; Fatty Acids, Fatty Alcohols, Fatty Esters, Glycerides and Hydrocarbons

#### Uses:

Pharmaceuticals, Pill & Tablet Glazing, Sustained Release.

#### Regulatory Information:

**FDA Approved** Under Regulation 21 CFR 184.1978.

**EINECS #:** 232-399-4

**CTFA/INCI NAME:** Carnauba (Copernicia Cerifera) Wax. **EEC#:** 903

**CAS:** 8015-86-9.

#### Japanese Name/Source:

Carnauba Wax/JSCI-11-71

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Brenntag Specialties, Inc. (BSI). For more information and assistance, contact Technical Services at 1-800-732-0562.

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