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## **PRODUCT DATA SHEET** **COCONUT WAX (PHC 3445)**

### **Product Overview & Composition**

Coconut Wax 3445 is an all-natural wax based on fully and partially hydrogenated vegetable triglycerides. It is composed primarily of C12-18 Fatty acids producing a low melt, soft, odourless wax. Reduces firmness of formulations as well as offering excellent emollient properties.

### **Specification & Approvals**

Parameter	Limits
Appearance	White solid, clear when melted
Melting Point (°C)	30 – 34
Free Fatty Acids (%)	≤0.1
Peroxide Value (meq/kg)	≤0.5
Iodine Value (g I <sup>2</sup> /100g)	≤1.5
Lovibond Colour (Red/Yellow)*	≤1.0R/≤10.0Y
Moisture Content (%)*	≤0.05

\*Indication only, not stated on certificate of analysis

*This product is supplied in accordance with the parameters specified on the stated specification(s) only. Any additional product requirements must be clearly specified. We do not accept liability for conformity to additional unspecified requirements outside of those stated in the product specification(s). In the event that other product requirements exist, specific arrangements must be made to confirm compliance, and a written agreement must be put in place in this regard.*

### **REACH**

Coconut Wax 3445 is composed entirely from materials that are registered or are exempt according to current REACH regulations.

### **Use**

Chemical, Cosmetic, Industrial and Personal Care as a raw material for further processing.

### **Animal Testing**

Coconut Wax 3445 is not tested on animals, and complies with cosmetic regulations 2009/1223/EC and 2000/41/EC in this regard.

Poth Hille & Co do not commission animal testing of any products or raw materials.

### **BSE/TSE Free**

Coconut Wax 3445 is composed from materials of vegetable origin and is free from materials of bovine, ovine and caprine origin. Coconut Wax 3445 does not contain or come in contact with any such materials during manufacture, handling or storage, and as such this material can be declared free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

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#### **CMR & California Proposition 65**

Neither Coconut Wax 3445 nor its components are listed as Carcinogenic, Mutagenic or Toxic to Reproduction according to 1272/2008/EC (Annex V, part 3) and its modifications (790/2009/EC, 286/2011/EC). Coconut Wax 3445 does not contain any chemicals listed on the California Proposition 65. This product is not stored in, nor does it come in contact with the substances listed in these regulations.

#### **Free from nanoparticles**

Coconut Wax 3445 does not contain or come in contact with nanoparticles during manufacture, handling or storage. Therefore nanoparticles are not expected to be present in Coconut Wax 3445.

#### **Non-GMO**

Coconut Wax 3445 does not contain or come in contact with Genetically Modified Organisms during manufacture, handling or storage. Therefore Coconut Wax 3445 is expected to be GMO free.

#### **Origin**

Coconut Wax 3445 is of natural origin and is manufactured in the EU.

#### **Shelf life and storage**

Shelf Life: 36 months from date of manufacture

Storage: Cool, dry, out of direct sunlight and remain sealed where possible.

#### **SVHC (Substances of Very High Concern)**

Coconut Wax 3445 does not contain any substance specified on the Candidate List of Substances of Very High Concern at concentrations greater than 0.1% w/w, as included in current REACH regulations.

#### **VOCs**

To the best of our knowledge Coconut Wax 3445 does not contain or come in contact with VOCs during manufacture, handling or storage, and as such VOCs are not expected to be present.

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### Allergens

With reference to Directive 2003/15/EC (Amendment N°7 to the cosmetics directive 76/768/EC-Annex III, Part I), we hereby can confirm that to the best of our knowledge, the composition of this product is in compliance with the below listed allergenic products:

Allergens (GC-MS according to the directive 2003/15/CE)	N° CAS	Annex III Part I N° Réf	The presence of the substance must be indicated in the list of ingredients referred to in Art 6 (1)(g) when its concentration in final products exceeds	Level	Unit
Anise alcohol	105-13-5	80	<ul style="list-style-type: none"> <li>10 ppm in leave-on products</li> <li>100 ppm in rinse-off products</li> </ul>	≤10 ppm ≤100 ppm	ppm
Amyl cinnamal	122-40-7	67	same	same	ppm
Amylcinnamyl alcohol	101-85-9	74	same	same	ppm
Alpha-isomethyl ionone	127-51-5	90	same	same	ppm
Benzyl alcohol	100-51-6	68	same	same	ppm
Benzyl benzoate	120-51-4	85	same	same	ppm
Benzyl cinnamate	103-41-3	81	same	same	ppm
Benzyl salicylate	118-58-1	75	same	same	ppm
Butylphenyl Methylpropional	80-54-6	83	same	same	ppm
Cinnamal	104-55-2	76	same	same	ppm
Cinnamyl alcohol	104-54-1	69	same	same	ppm
Citral	5392-40-5	70	same	same	ppm
Citronellol	106-22-9	86	same	same	ppm
Coumarin	91-64-5	77	same	same	ppm
Eugenol	97-53-0	71	same	same	ppm
Evernia furfuracea (treemoss) extract	90028-67-4	92	same	same	ppm
Evernia prunastri (oakmoss) extract	90028-68-5	91	same	same	ppm
Farnesol	4602-84-0	82	Same	same	ppm
Geraniol	106-24-1	78	same	same	ppm
Hexyl cinnamal	101-86-0	87	same	same	ppm
Hydroxycitronellal	107-75-5	72	same	same	ppm
Hydroxyisohexyl 3- cyclohexene carboxaldehyde	31906-04-4	79	same	same	ppm
Isoeugenol	97-54-1	73	same	same	ppm
Limonène	5989-27-5	88	same	same	ppm
Linalool	78-70-6	84	same	same	ppm
Methyl 2-octynoate	111-12-6	89	same	same	ppm

(1) Maximum level of quantification

(2) Guaranteed Maximum Level

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## Production overview

Coconut oil

Partial/full hydrogenation

Partially/fully hydrogenated Coconut oils



Blend components melted and blended

In-progress sample taken and quality checks conducted



Material discharged from melting vessel



Material packed into 25kg cartons



Finished product sampled and quality checks conducted

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