



## Certificate of Analysis

Product Description: Beeswax yellow cosmetic grade  
Batch Number: 4413206  
Best Before End: October 2023

Product KOSHER: No  
Country of Origin final product: THE NETHERLANDS

Shelf life data refers to our standard specification and assumes appropriate storage conditions in sealed original containers.

### Physical and Chemical Characteristics

parameter	unit	specification	result
	°C		
	mg	61 - 66	63.3 *
drop point acid	KOH/g		
value ester value	mg	17 - 22	18.2*
saponification	KOH/g	70 - 80	74.5*
value	mg		
	KOH/g	87 - 102	92.7*

\* Taken from the supplier's CoA (not accredited)

## Composition of

**Beeswax Beads Yellow, Cosmetical Grade****Composition:**

- Paraffin	40-60%
- C10-18 Triglycerides	25-40%
- Cera Alba	15-25%
- Stearic Acid	5-15%
- CI 75120 (Annatto, colourant)	0-0,5%
- CI 75130 (Beta carotene, colourant)	0-0,5%

**Additives:**

- BHT	max. 50 ppm
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## ALLERGEN INFORMATION

PRODUCT NAME		Beeswax - Beads			
Ingredients with potential allergens in accordance with EU				Cross-contamination	Ingredient
01	Cereals containing gluten and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
02	Crustaceans and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
03	Eggs and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
04	Fish and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
05	Peanuts and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
06	Soyabeans and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
07	Milk and dairy products (incl. lactose)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
08	Nuts and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
09	Celery and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
10	Mustard and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
11	Sesame seeds and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
12	Sulphur dioxide and Sulphite < 10mg/kg	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
13	Sonstige	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
Ingredients with potential allergens in accordance with ALBA list				Cross-contamination	Ingredient
01	Cow milk protein	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
02	Lactose	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
03	Hen's egg protein	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
04	Soya protein	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
05	Soya oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
06	Gluten	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
07	Wheat	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
08	Rye	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
09	Beef	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
10	Porc	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
11	Chicken	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
12	Fish	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
13	Crustaceans	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
14	Maize	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
15	Cocoa	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
16	Yeast	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
17	Vegetables/Pulses	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
18	Nuts	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
19	Nut oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
20	Peanuts	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
21	Peanut oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
22	Sesame seeds	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
23	Sesame oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
24	Glutamate	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
25	Sulfit (E220 bis E227)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
26	Benzoic acid and PHB (E210 bis E219)	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	depending on the origin of the wax it may be 0 - 5000mg/kg. -The bees add benzoic acid by themselves to the wax
27	AZO-Colours	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
28	Tartrazine (E102)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
29	Cinnamon	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
30	Vanillin	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
31	Coriander	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
32	Celery	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
33	Umbellifereae	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
34	Carrot	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
35	Lupines	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
36	Mustard	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
37	Butylhydroxyanisol (E320), Butylhydroxytoluol (E321)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
38	Peru balsam	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	
39	others	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>	

Date: 14.06.2013

**Signature+stamp:**  
BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK  
Tel: 01425 655555 Email: technical@madarcorporation.co.uk



Safety data sheet according to 1907/2006/EC, Article 31

## **BEESWAX BEADS Cosmetic Grade**

printed: 05.08.2013

updated: 05.08.2013  
Version d

### **1. Identification of Substance/Preparation and Company :**

- **Product name : Beeswax beads white cosmetical grade Beeswax beads yellow cosmetical grade**

- **EC market placer (manufacturer, importer or distributor):**

MADAR Corporation Limited  
19-20 Sandleheath Industrial Estate  
Fordingbridge, Hampshire, SP6 1PA, UK  
Approved sellers: Mystic Moments, New Directions, World of Moulds

- **Telephone number / fax number / e-mail address:**

**TEL.:** +44 1425 655555      **FAX:** +44 1425 658182

- **Email :** technical@madarcorporation.co.uk

### **2. Hazards Identification :**

- **Human Health Hazards :** No specific hazards under normal use conditions.
- **Hazards Reactions :** None.

### **3. Composition / Information on Ingredients :**

- **Chemical characterisation :** formulation with beeswax: mixture of paraffin waxes and hydrocarbon waxes, Glycerides C14-C18, Beeswax and Stearic acid

- **CAS-No.:** 8002-74-2, 85665-33-4, 8012-89-3, 57-11-4

- **EINECS-No.:** 232-315-6, 288-123-8, 232-383-7, 200-313-4

- **INCI-Name:** Paraffin, C10-18 Triglycerides, Cera Alba, Stearic Acid

- **Hazardous components :** none

### **4. First - Aid - Measures :**

- **General :** No important measures required.
- **First aid - inhalation :** Move to fresh air. Seek medical advice after significant exposure.
- **First aid - skin :** Remove soaked clothes and rinse the skin with a lot of cold water. Cover with sterile gauze. Do not try to remove the product from the skin.
- **First aid - eye :** Rinse with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing.
- **First aid - ingestion :** Seek medical attention

### **5. Fire Fighting Measures :**

- **Extinguishing media :** Foam, dry chemical powder, carbon dioxide, sand or earth.
- **Unsuitable extinguishing media :** water
- **Special exposure hazards :** none

**BEESWAX**

**cosmetical grade**

printed: 05.08.2013 updated: 05.08.2013

- **Hazardous decomposition / combustion products** : incomplete combustion: CO, organic acids, aldehydes, alcohols,... irritant vapours and smoke. and smoke. Complete combustion: water and carbon dioxide
- **Protective equipment** : breathing mask.

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**6. Accidental Release Measures :**

- **Personal precautions** : The usual precautions for handling chemicals should be observed. Avoid inhalation and contact with liquid product.
- **Environmental precautions** : Prevent further leakage or spillage. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or appropriate barriers.
- **Clean - up methods** : Let the hot product cool down. Shovel into a suitable, clearly marked container for disposal.
- **Other information** : Avoid a formation of wax mist.

**7. Handling and Storage :**

- **Handling** : The usual precautions for handling chemicals should be observed. Pay attention to electrostatic charge. Keep away from open fire. Self ignition may appear at temperatures above the flashpoint.
- **Storage** : Keep container tightly closed. Avoid direct sunlight, heat sources, temperatures above 30°C and strong oxidising agents.

**8. Exposure Controls / Personal Protection :**

- **Engineering control measures** : The usual precautions for handling chemicals should be observed.

- **Occupational exposure standards** :

<u>Component name</u>	<u>Limit type</u>	<u>Value/Unit</u>	<u>Other Information</u>
can be left out			

- **Respiratory protection** : sufficient ventilation
- **Hand protection** : gloves if there is a prolonged contact with the skin or hot product is handled.
- **Eye - Protection** : safety goggles
- **Body Protection** : only if the hot product is handled

**9. Physical and Chemical Properties :**

- **Form** :solid
- **Colour** : yellow to light brown / white
- **Odour** : characteristic

	<u>Value</u>	<u>Unit</u>	<u>Method</u>
· <b>Change of physical state :</b>			
<b>Solidification - area :</b>	ca. 61 - 65	°C	
<b>Boiling - point :</b>	unknown		
· <b>Flashpoint :</b>	> 175	°C	
· <b>Ignition - point :</b>	unknown		
· <b>Explosive properties :</b>	unknown		

**BEESWAX****cosmetical grade**

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- **Density :** at 25 °C ca. 0,95
- **Viscosity:** at 100°C ca. 10 mPa s
- **Vapour pressure:** at 20°C < 0,002 mbar

Version d

- **Solubility in water :** insoluble

**10. Stability / Reactivity :**

- **Stability :** No thermal destruction if it is used properly. Avoid heating above the flash point
- **Materials to avoid :** Avoid contact with oxidising agents and strong acids.
- **Hazardous decomposition products :** No decomposition products if it is used properly.
- **Hazardous reactions :** none

**11. Toxicological Information :**

- **Toxicity :** not toxic if used properly
- **Toxicological Data :**
  - Skin sensitisation :** unknown
  - Skin irritation :** unknown
  - Eye irritation :** unknown
- **Additional toxicological information:**  
Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives. If the product is used properly it will not cause any injuries to health.

**12. Ecological Information :**

- **General information :** Normally the product is not dangerous for waters. Mechanical separation in sewage treatment plants.
- **Other information :** Specific ecological data for this product is not available.

**13. Disposal Information :**

- **Product :**
  - Precautions :** According to local regulations (most probably controlled incineration).
- **Contaminated packaging :** Clean with soap and water. **Precautions :** According to local regulations.
- **Recommended detergent :** water and detergent

**14. Transport Information :**

Not dangerous for conveyance.

**15. Regulatory Information :**

- **EC Classification :**  
Not classified as dangerous according to CLP Regulation (EC) No. 1272/2008. Not classified as dangerous according to Directive 67/548/EC or Directive 1999/45/EC.
- **National Regulation :**  
**Wassergefährdungsklasse** (Germany): nicht wassergefährdend im Sinne des § 19g Abs. 5 WHG. (Einstufung nach VwVwS vom 17. Mai 1999, Nummer 1.2 a) in Verbindung mit Anhang 1)

## **16. Other Information :**

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