



## Certificate of Analysis

Product Name	Beeswax Organic Yellow Wax
Inci Name	Cera Alba
EINECS Number	232-383-7
Cas Number	8012-89-3

Batch Number	4407508
Best Before Date	September 2023

Parameter	Result
Appearance	Light yellow to yellow small pieces or pellets
Odour	Faint, Characteristic odour, free from rancidity
Acid Value	18.4
Congealing Point (°C)	62
Ester Value (mg KOH/g)	76
Saponification Value	94.4

Comments



## ALLERGEN DECLARATION

Version Number	1	Revision Date	13/02/2020
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PRODUCT IDENTIFIER	
Product Name	Beeswax Organic Yellow Wax
INCI Name	Cera Alba

From The 7th Amendment to the Cosmetic Directive of the European Union (EU) – Annex III

<u>26 Fragrance Allergens</u>			
Annex III Ref:	Material:	Cas No:	Total Allergen Inclusion Level (%)
67	AMYL CINNAMAL	122-40-7	0
68	BENZYL ALCOHOL	100-51-6	0
69	CINNAMYL ALCOHOL	104-54-1	0
70	CITRAL	5392-40-5	0
71	EUGENOL	97-53-0	0
72	HYDROXY-CITRONELLAL	107-75-5	0
73	ISOEUGENOL	97-54-1	0
74	AMYL CINNAMYL ALCOHOL	101-85-9	0
75	BENZYL SALICYLATE	118-58-1	0
76	CINNAMAL	104-55-2	0
77	COUMARIN	91-64-5	0
78	GERANIOL	106-24-1	0
79	HYDROXY-METHYLPENTYLCYCLOHEXENECARBOXALDEHYDE	31906-04-4	0
80	ANISE ALCOHOL	105-13-5	0
81	BENZYL CINNAMATE	103-41-3	0
82	FARNESOL	4602-84-0	0
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0
84	LINALOOL	78-70-6	0
85	BENZYL BENZOATE	120-51-4	0
86	CITRONELLOL	106-22-9	0
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0
88	LIMONENE	5989-27-5	0
89	METHYL HEPTIN CARBONATE	111-12-6	0
90	ALPHA-ISOMETHYL IONONE	127-51-5	0
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0

COMMISSION DIRECTIVE 2007/68/EC of 27 November 2007 amending Annex IIIa to Directive 2000/13/EC of the European Parliament and of the Council as regards certain food ingredients.

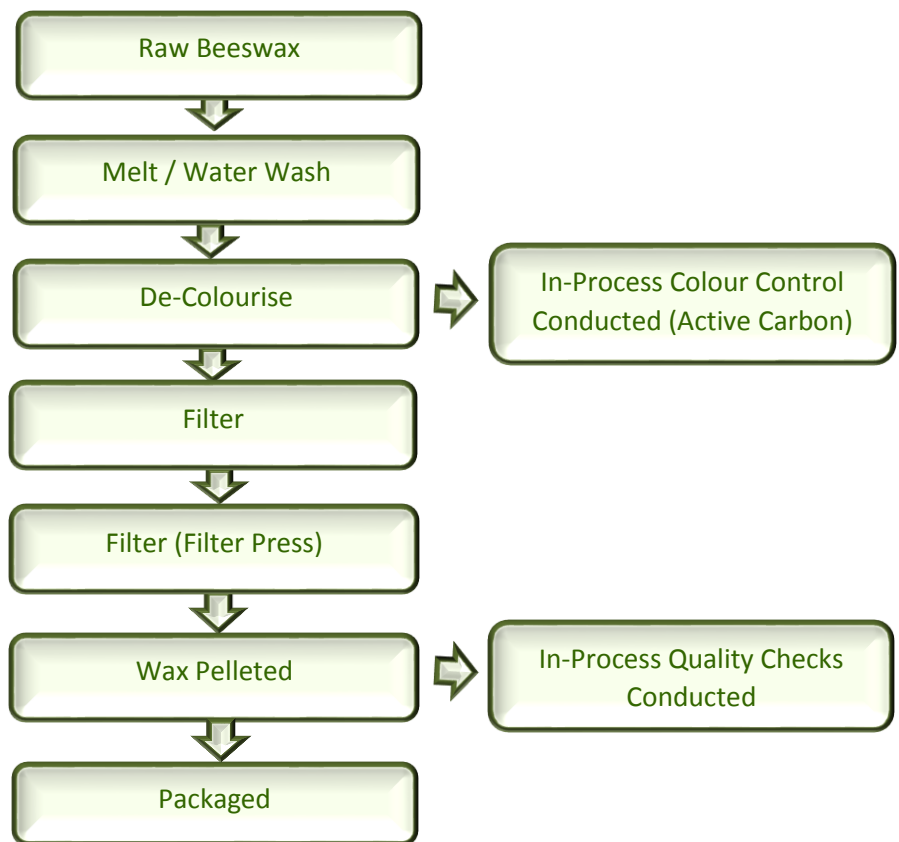
#### 14 Food Allergens

Annex IIIa Ref:	List of Allergens	Allergens Present in Product	Possible Presence by Contamination	Present in Factory
1	Cereals containing Gluten	No	No	Yes
2	Crustaceans	No	No	No
3	Eggs	No	No	No
4	Fish	No	No	No
5	Peanut	No	No	Yes
6	Soya	No	No	Yes
7	Milk	No	No	Yes
8	Nuts	No	No	Yes
9	Celery and Celeriac	No	No	No
10	Mustard	No	No	Yes
11	Sesame	No	No	Yes
12	Sulphur Dioxide and Sulphites	No	No	No
13	Lupin	No	No	No
14	Mollusc	No	No	No

**Disclaimer:** This does not certify the material as Food Grade, please reference the Food Grade statement.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## Beeswax Organic Yellow Wax Manufacturing Flow Chart





**Date:** 13/02/2020

**Re: GMO – Beeswax Organic Yellow Wax**

We can confirm that the Beeswax Organic Yellow Wax (Cera Alba) supplied is not produced from a raw material that has been genetically modified.

## IFRA CONFORMITY

<b>Version Number</b>	1	<b>Revision Date</b>	13/02/2020
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PRODUCT IDENTIFIER	
<b>Product Name</b>	Beeswax Organic Yellow Wax
<b>INCI Name</b>	Cera Alba
<b>CAS Number</b>	8012-89-3
<b>EINECS Number</b>	232-383-7

We certify that the compound is not listed in the 49th Amendment of the IFRA Code of Practice, nor any of its main components. Its use, therefore, is not restricted.

IFRA Classes	% Maximum Use Level
Class 1	Not Restricted
Class 2	Not Restricted
Class 3A	Not Restricted
Class 3B	Not Restricted
Class 3C	Not Restricted
Class 3D	Not Restricted
Class 4A	Not Restricted
Class 4B	Not Restricted
Class 4C	Not Restricted
Class 4D	Not Restricted
Class 5	Not Restricted
Class 6	Not Restricted
Class 7A	Not Restricted
Class 7B	Not Restricted
Class 8A	Not Restricted
Class 8B	Not Restricted
Class 9A	Not Restricted
Class 9B	Not Restricted
Class 9C	Not Restricted
Class 10A	Not Restricted
Class 10B	Not Restricted
Class 11	Not Restricted

IFRA Classes	Finished product type
Class 1	Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)
Class 2	Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)
Class 3A	Hydroalcoholic products applied to recently shaved skin (EdT range)
Class 3B	Hydroalcoholic products applied to recently shaved skin (fine fragrance range)
Class 3C	Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream. Men's Facial Creams and Balms
Class 3D	Tampons.
Class 4A	Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).
Class 4B	Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).
Class 4C	Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products
Class 4D	Fragrancing Cream
Class 5	Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.
Class 6	Mouthwash, Toothpaste.
Class 7A	Intimate Wipes; Baby Wipes.
Class 7B	Insect Repellent (intended to be applied to the skin).
Class 8	Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...). Nail Care. All Powders & Talcs (including baby powders and talcs).
Class 9A	Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos).Face Cleansers of all types (washes, gels, scrubs, etc...).Shaving Creams of all types (stick, gels, foams, etc...).Body Washes of all types (including baby washes).Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater
Class 9B	Feminine hygiene pads / liners.
Class 9C	'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).
Class 10A	Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) . Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...). Shampoos for pets
Class 10B	Diapers. Toilet seat wipes.
Class 11A	All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)
Class 11B	All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).

It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

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**MATERIAL SAFETY DATA SHEET**  
According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)	
<b>1.1 PRODUCT IDENTIFIER</b>	
Product Name	Beeswax Organic Yellow Wax
Biological Definition	Beeswax. The wax obtained from the honeycomb of the bee. It consists primarily of myricyl palmitate, cerotic acid and esters and some high-carbon paraffins
INCI Name	Cera Alba
Synonyms & Trade Names	-
CAS Number	8012-89-3
EC Number	232-383-7
EINECS Number	232-383-7
REACH Status	Exempt
<b>1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET</b>	
Company	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA
Emergency Telephone Number	01425 655555



## SECTION 2: HAZARD IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The full text for all hazard statements are displayed in Sec.16

<b>Classification (EU 1272/2008)</b>	Not classed as a hazardous substance.
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### 2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

<b>GHS Label:</b>	Not classed as a hazardous substance.
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<b>Signal word:</b>	None
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<b>Contains</b>	Contains no hazardous substances.
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<b>Hazard Statements:</b>	None
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<b>Precautionary Statements:</b>	None
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<b>Supplementary Precautionary Statements:</b>	None.
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### 2.3 OTHER HAZARDS

<b>PBT or vPvB according to Annex XIII</b>	No additional data available.
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<b>Adverse physio-chemical properties</b>	No additional data available.
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<b>Adverse effects on human health</b>	No additional data available.
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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURE

N/A

## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation</b>	Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid, seek medical advice.
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<b>Ingestion</b>	Do not induce vomiting. No emergency measures are necessary but if adverse health effects follow or large amounts are swallowed, seek medical advice.
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<b>Skin Contact</b>	Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse skin effects follow, seek medical advice.
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<b>Eye Contact</b>	Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, seek medical advice.
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### 4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

**Inhalation:** High concentration of vapours may induce: Headache, nausea, dizziness. Irritant effect to the respiratory tract.

**Skin Contact:** May cause slight irritation to the skin. Heated product may cause burns.

**Eye Contact:** May cause slight irritation to eyes.

**Ingestion:** May cause nausea.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

In contact with or splashed by melted product, quickly cool area with water.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

**Suitable extinguishing media:** Foam, Dry Chemical Powder, Carbon Dioxide.

**Unsuitable extinguishing media:** Water.

### 5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition or combustion.

### 5.3 ADVICE FOR FIRE FIGHTERS

Only suitably trained personnel should attempt to tackle fires. Breathing apparatus and protective clothing should be worn. Do not remain in the immediate vicinity without respiratory protective equipment and protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear suitable protective clothing. See section 8. Stop leak if safe to do so. Remove sources of ignition.

### 6.2 ENVIRONMENTAL PRECAUTIONS

Water may be used to flush spills away from sources of ignition. Prevent spreading by damming. Do not allow the product to enter public drainage system or open water course. Avoid release to the environment.

### 6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

**Containment:** Stop leak if safe to do so. Use damming system to prevent spreading.

**Cleaning up:** Use sand or active clay to absorb spilled substance and remove to containers for disposal. When in liquid state, cool and allow to solidify.

### 6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Recommendations:** Handle in accordance with GMP and safety procedures. The molten product can cause severe burns. Use molten product in well ventilated areas. Use personal protective equipment as required.

**General advice:** Do not eat or drink in immediate vicinity. Wash hands after use. Remove any contaminated clothing before eating or drinking.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep material sealed, dry and out of direct sunlight. Avoid heat and ignition sources. Store in original containers or other high density polyethylene containers which are sealable and clearly labelled. Clean up spilled material immediately.

### 7.3 SPECIFIC END USE(S)



No additional data available.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1 CONTROL PERAMETERS

No additional data available.

## 8.2 EXPOSURE CONTROLS

Protective equipment	 
Process Conditions	No additional data available.
Engineering Measures	Facilities storing or utilising this material should be equipped with an eyewash facility.
Respiratory Equipment	Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.
Hand Protection	Use impervious gloves (EN374). PVC is suitable for casual contact. If direct contact for more than 2 hours then Neoprene or nitrile gloves recommended.
Eye Protection	Wear appropriate eye protection with side shields (EN166).
Other Protection	If contact with hot product is possible, please wear heat resistant and flame retardant protective clothing.
Hygiene Measures	Usual precautions for proper handling of chemicals should be observed.
Personal Protection	No additional data available.
Skin Protection	No additional data available.
Environmental Exposure Controls	No additional data available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIS PYSICAL AND CHEMICAL PROPERTIES

Appearance	Small pieces or pellets
Colour	Light yellow to yellow
Odour	Faint characteristic odour, free from rancidity
Specific Gravity @ 20°C	No additional data available.
Refractive Index @ 20°C	No additional data available.
Flash Point (°C)	>150°C
Melting Point (°C)	50 – 70°C
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data available.

### 9.2 OTHER INFORMATION

No additional data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

Not reactive under normal storage and handling conditions (see section 7). May react with strong oxidising agents, especially at high temperatures.

### 10.2 CHEMICAL STABILITY

Stable under normal storage and handling conditions.

### 10.3 POSSIBLE HAZARD REACTIONS

No hazardous reactions are expected to occur under normal storage and handling conditions.

### 10.4 CONDITIONS TO AVOID

Extremes of temperature (preferably, store between 5 and 39°C). The product is combustible when heated >300°C.

### 10.5 INCOMPATIBLE MATERIALS

May react with strong oxidants (e.g. chlorates, peroxides).

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.

## SECTION 11: TOXOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute toxicity</b>	Oral: LD50 > 2000mg/kg
<b>Skin corrosion / irritation</b>	Not classified as corrosive/irritant to skin - based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Can cause slight to moderate irritation.
<b>Respiratory or skin sensitisation</b>	Not classified as a respiratory or skin sensitizer - based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Not classified as a germ cell mutagenic or carcinogenic - based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	No additional data available.
<b>Reproductive toxicity</b>	Not classified as a Reproductive Toxicant - based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	No additional data available.
<b>STOT-repeated exposure</b>	No additional data available.
<b>Aspiration hazard</b>	Not classified as presenting an aspiration hazard - based on available data, the classification criteria are not met.
<b>Photo-toxicity</b>	No additional data available.
<b>Other information:</b>	No additional data available.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 TOXICITY**

Not classified as hazardous to the aquatic environment according to 1272/2008/EC

**12.2 PERSISTENCE AND DEGRADABILITY**

Insoluble in water – can be separated from water in suitable effluent treatment plants.

**12.3 BIOACCUMULATION POTENTIAL**

No additional data available.

**12.4 MOBILITY IN SOIL**

Non-volatile and absorption into soil solid phase not expected.

**12.5 RESULTS OF PBT AND VPVB ASSESSMENT**

Not identified as a PBT/ vPvB Substance according to REACH Annex XIII.

**12.6 OTHER ADVERSE EFFECTS**

No additional data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 WASTE TREATMENT METHODS**

Treat in accordance with EU directive 2008/98/EC. Transport to authorised waste location, or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31/EC apply). Do not dispose to drains or sewage systems.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN NUMBER**

<b>UN No. Road</b>	Not bound under transport regulations.
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<b>UN No. Sea</b>	Not bound under transport regulations.
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<b>UN No. Air</b>	Not bound under transport regulations.
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**14.2 UN PROPER SHIPPING NAME**

Not bound under transport regulations.

**14.3 TRANSPORT HAZARD CLASS(ES)**

Not bound under transport regulations.

**14.4 PACKAGING GROUP**

Not bound under transport regulations.

**14.5 ENVIRONMENTAL HAZARDS**

Not bound under transport regulations.

**14.6 SPECIAL PRECAUTIONS FOR USER**

Not bound under transport regulations.

**14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE**

Not bound under transport regulations.

**SECTION 15: REGULATORY INFORMATION**

### 15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

**Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**Guidance Notes**

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

**EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### 15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

### SECTION 16: OTHER INFORMATION

<b>Hazard and/or Precautionary Statements in Full</b>	None
<b>Other Information</b>	Complies with REACH guidance for SDS as circulated by ECHA 2011.
<b>Version</b>	2
<b>Revision Date</b>	13 <sup>th</sup> February 2020
<b>Reason for Revision</b>	Full Updated MSDS

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## SPECIFICATION

<b>Version Number</b>	1	<b>Revision Date</b>	13/09/2019
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PRODUCT IDENTIFIER	
<b>Product Name</b>	Beeswax Organic Yellow Wax
<b>Biological Definition</b>	Beeswax. The wax obtained from the honeycomb of the bee. It consists primarily of myricyl palmitate, cerotic acid and esters and some high-carbon paraffins
<b>INCI Name</b>	Cera Alba
<b>CAS Number</b>	8012-89-3
<b>EINECS Number</b>	232-383-7

ANALYTICAL DETAILS	RANGE
<b>Appearance</b>	Light yellow to yellow small pieces or pellets
<b>Odour</b>	Faint characteristic odour, free from rancidity
<b>Congealing Point °C</b>	61.0 – 65.0
<b>Acid Value</b>	17.0 – 24.0
<b>Ester Value</b>	70.0 – 80.0
<b>Saponification Value</b>	87.0 – 104.0

<b>Shelf Life</b>	36 Months
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Each batch supplied is accompanied by a Certificate of Analysis which shall include results for the parameters listed above. However when more data is available we will include on the Certificate of Analysis for your information. We cannot guarantee these results for each batch we supply.

The information contained herein is believed to be true and correct at the time of our response. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. Disclosure, reproduction or transmission, in whole or in part, without prior written consent is not permitted.



**Date:** 13/02/2020

**Re: Vegan – Beeswax Organic Yellow Wax –**

We can confirm that the Beeswax Organic Yellow Wax supplied is not suitable for Vegans.