



CERTIFICATE OF ANALYSIS
ORGANIC BEESWAX YELLOW

Batch Number 4499204
Best Before End: March 2026

TEST	SPECIFICATION	ANALYSIS
Congealing Point (°C)	61 – 66	62.0
Acid Value (mgKOH/g)	10 - 22	14.0
Ester Value (mgKOH/g)	55 - 80	60.0
Saponification Value (mgKOH/g)	55 - 102	74.0



ALLERGENS DECLARATION

Product Name	Organic Beeswax Yellow				
INCI Name	Cera Alba				
				Revision	1

ALLERGENS	Present In Product	Present in Factory	Possibility of Cross-contamination?
Cereals & Gluten	No	Yes	No
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanut	No	Yes	No
Soya	No	Yes	No
Milk	No	No	No
Nuts	No	Yes	No
Celery & Celeriac	No	Yes	No
Mustard	No	Yes	No
Sesame	No	Yes	No
Sulphur Dioxide & Sulphites	No	No	No
Lupin	No	No	No
Mollusc	No	No	No

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.



Document Date:

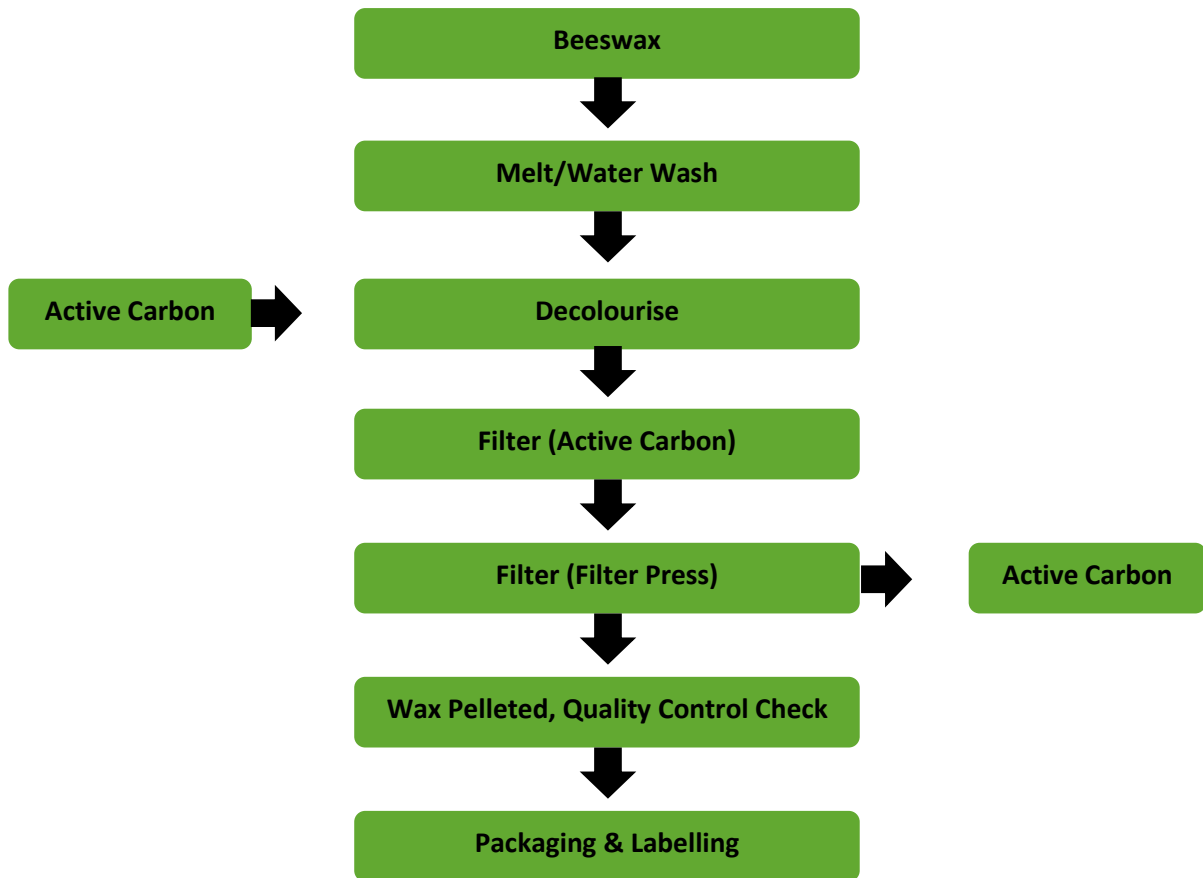
December 2018

STATEMENT

We hereby certify that **Organic Beeswax Yellow** is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing and purifying of the oil.

Manufacturing Flow Chart

Product Name	Organic Beeswax Yellow		
Date	30/11/2021		



Material Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1	PRODUCT IDENTIFIER	
	PRODUCT NAME	Organic Beeswax Yellow
	PRODUCT CODE	WHC285
	INCI NAME	Cera Alba
	CAS	8012-89-3
	EC	232-383-7
	REACH REGISTRATION NO. (if applicable)	Exempt
1.2	RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE, AND USES ADVISED AGAINST	
	Cosmetics - Professional applications only.	
1.3	DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	
	COMPANY ADDRESS	Madar Corporation Limited 19 - 20 Sandealth Industrial Estate Fordingbridge, SP6 1PA
	EMAIL ADDRESS	technical@madarcorporation.co.uk
1.4	EMERGENCY TELEPHONE NUMBER	+ 44 (0) 1425 655 555
		Available during office hours.

02. HAZARDS IDENTIFICATION

2.1	CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	
	CLASSIFICATION (EC 1272/2008)	
	Not classified as hazardous.	
2.2	LABEL ELEMENTS	
	LABEL IN ACCORDANCE WITH (EC) NO 1272/2008	
	None	
	SIGNAL WORD	None
	HAZARD STATEMENTS	
	None	
	PRECAUTIONARY STATEMENTS AND/OR SUPPLEMENTARY STATEMENTS	
	None	
	SUPPLEMENTARY STATEMENTS	
	None	
2.3	OTHER HAZARDS	
	ADVERSE EFFECTS ON HUMAN HEALTH	No additional data
	ADVERSE PHYSIO-CHEMICAL PROPERTIES	No additional data

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03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1/3.2 SUBSTANCES/MIXTURES					
	PERCENTAGE	NAME	CAS	REACH REGISTRATION NO. (if applicable)	HAZARD CLASSIFICATION
	100.0	Cera Alba	8012-89-3	-	Not classified as hazardous

04. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES	
INHALATION	Remove to fresh air and remain in a position which is comfortable for breathing. Seek medical attention.
INGESTION	Do NOT induce vomiting. Immediately rinse mouth and provide fresh air. Seek medical attention.
SKIN CONTACT	Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.
EYE CONTACT	Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove to contact lenses and continue to rinse. Seek medical attention.
4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED	
	No additional data
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	
	Treat symptomatically.

05. FIREFIGHTING MEASURES

5.1 EXTINGUISHING METHODS	
	<ul style="list-style-type: none"> - Carbon Dioxide - Alcohol Resistant Foam - Dry Chemical Powder Do NOT use water.
5.2 HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	
	In the event of fire this product can generate oxides of carbon and other toxic gases. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
5.3 ADVICE FOR FIREFIGHTERS	
	Wear self-contained respiratory equipment and appropriate protective clothing. Do not inhale any gases or fumes which may be generated. Containers in close proximity to fire should be removed to a safe distance and the exterior of the container cooled with water.

06. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	
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	Wear protective clothing as recommended. Handle the product using protective gloves. Avoid contact with skin and inhalation. Maintain adequate ventilation in the working area after spilling.
6.2	ENVIROMENTAL PRECAUTIONS
	Do not allow the product to enter drains or sewers, water course or the ground. Do not allow the product to enter the environment.
6.3	METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP THIS PRODUCT
	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder.
6.4	REFERENCE TO OTHER SECTIONS
	Sections 8 & 13

07. EXPOSURE CONTROLS AND/OR PERSONAL PROTECTION

7.1	PRECAUTIONS FOR SAFE HANDLING
	Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Do not eat, drink or smoke whilst handling this product.
7.2	CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
	Store in a cool, dry, well-ventilated area. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use. Use only non-sparking tools. Take precautionary measures against static discharge.
7.3	SPECIFIC END USE(S)
	Cosmetics: Professional Use only.

08. EXPOSURE CONTROLS

8.1	CONTROL PARAMETERS
	No additional data
8.2	EXPOSURE CONTROLS
	PROTECTIVE EQUIPMENT
	   <p>Use PPE as required and/or recommended for safe handling.</p>
	PROCESS CONDITIONS
	No additional data
	ENGINEERING MEASURES
	Install sufficient ventilation across all areas. Install readily available eyewash stations and safety showers.
	RESPIRATORY EQUIPMENT
	Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following

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	<p>engineering controls can be used to minimise exposure to personnel:</p> <ul style="list-style-type: none"> – Increase ventilation of the area with local exhaust ventilation. – Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. – Use closed systems for transferring and processing this material.
HAND PROTECTION	Wear appropriate protective gloves.
EYE PROTECTION	Wear appropriate protective safety goggles.
HYGIENE MEASURES	Good hygiene practices are always recommended, especially when handling oils, chemicals, or any other similar type of material.
SKIN PROTECTION	Wear appropriate protective clothing to prevent any potential skin contact with this product.
ENVIRONMENTAL EXPOSURE CONTROLS	Do not allow the product to enter drains or sewers, water course or the ground. Prevent environmental contamination.
OTHER AND/OR PERSONAL PROTECTIVE MEASURES	No additional data

09. PHYSICAL AND CHEMICAL PROPERTIES

7.1	INFORMATION ON BASIC PHYSICAL & CHEMICAL PROPERTIES
APPEARANCE (E.G. LIQUID)	Solid, Wax
COLOUR	Light yellow - yellow
ODOUR	Characteristic
SPECIFIC GRAVITY	No additional data
REFRACTIVE INDEX	No additional data
FLASH POINT (°C)	>230°C
AUTO-IGNITION TEMPERATURE (°C)	No additional data
MELTING POINT (°C)	61.0 - 66.0°C
BOILING POINT (°C)	>100°C
FLAMMABILITY	No additional data
EXPLOSION LIMITS	Not an explosion hazard
DECOMPOSITION TEMPERATURE (°C)	No additional data
SOLUBILITY	Insoluble in water.
pH	No additional data
VISCOSITY	No additional data
PARTITION COEFFICIENT N-OCTANOL/WATER (log value)	No additional data
VAPOUR PRESSURE	No additional data
VAPOUR DENSITY	No additional data
9.2	ADDITIONAL INFORMATION
	No additional data

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10. STABILITY & REACTIVITY	
10.1	REACTIVITY
	Presents no significant reactivity hazard, by itself or in contact with water.
10.2	CHEMICAL STABILITY
	Expected to remain stable under recommended storage conditions.
10.3	POSSIBLE HAZARDOUS REACTIONS
	None expected under normal conditions.
10.4	CONDITIONS TO AVOID
	Extremes of temperature. All potential sources of ignition.
10.5	INCOMPATIBLE MATERIALS
	Acids, Alkalis, Oxidizing Agents
10.6	HAZARDOUS DECOMPOSITION PRODUCTS
	In the event of fire this product may generate oxides of carbon and other toxic gases.

11. TOXOLOGICAL INFORMATION	
11.1	ACUTE TOXICITY
	Criteria not met.
11.2	SKIN CORROSION/IRRITATION
	Criteria not met.
11.3	SERIOUS EYE DAMAGE/IRRITATION
	Criteria not met.
11.4	RESPIRATORY/SKIN SENSITIZATION
	Criteria not met.
11.5	GERM CELL MUTAGENICITY/CARCINOGENICITY/REPRODUCTIVE TOXICITY
	Criteria not met.
11.6	STOT – SINGLE EXPOSURE
	Criteria not met.
11.7	STOT – REPEATED EXPOSURE
	Criteria not met.
11.8	ASPIRATION HAZARD
	Criteria not met.
11.9	GENERAL AND/OR ADDITIONAL DATA; E.G. PHOTOTOXICITY
	Criteria not met.

12. ECOLOGICAL AFFECTS	
12.1	TOXICITY
	No additional data

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12.2	PERSISTENCE & DEGRADABILITY
	No additional data
12.3	BIOACCUMULATIVE POTENTIAL
	No additional data
12.4	MOBILITY IN SOIL AND/OR WATER
	No additional data
12.5	RESULTS OF A PBT/vPvB ASSESSMENT
	Does not meet PBT/vPvB criteria of REACH, annex XIII
12.6	OTHER ADVERSE EFFECTS
	No additional data

13. DISPOSAL CONSIDERATIONS

13.1	WASTE TREATMENT METHODS
	Always dispose of this product in accordance with local and national regulations. Do not allow entry into drains or waterways. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycling is always preferable to disposal. When containers have been fully emptied, ensure the labelling remains.

14. TRANSPORT INFORMATION

14.1	UN NUMBER	Not applicable
14.2	UN MODEL REGULATIONS	Not applicable
	IMDG	Not applicable
	ADR, RID, AND	Not applicable
	ICAO TI	Not applicable
14.3	TRANSPORT HAZARD CLASS(ES)	Not applicable
14.4	PACKING GROUP	Not applicable
14.5	ENVIRONMENTAL HAZARDS	Not applicable
14.6	SPECIAL PRECAUTIONS FOR USER	Details throughout document: 6, 7, 8
14.7	TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	No additional data

15. REGULATORY INFORMATION

15.1	SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE
	This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP),

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	EC 453/2010&830/2015.
15.2	CHEMICAL SAFETY ASSESSMENT
	No additional data

16. OTHER INFORMATION		
16.1	HAZARD STATEMENTS	None
16.2	CONCENTRATION PERCENTAGE LIMITS	No additional data
16.3	TOTAL FRACTIONAL VALUES	No additional data
16.4	KEY - ABBREVIATIONS	- -
16.5	REVISION DATE	13/03/2023
16.6	REVISION NUMBER	5
16.7	REVISION REASON	Document review/New Format

Product Specification

PRODUCT	Organic Beeswax Yellow		
	DATE	24/05/2022	REVISION

DESCRIPTION	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		
CAS NUMBER	8012-89-3	EC NUMBER	232-383-7

CHARACTERISTICS	
APPEARANCE AT ROOM TEMPERATURE	Pellets, Small Pieces
COLOUR	Yellowish
ODOUR	Characteristic

ANALYSIS	
CONGEALING POINT (°C) ASTM D938	61.00 - 65.00
MELTING POINT (°C)	62.00 - 65.00
ACID VALUE (mg/KOH/g) (BP/PH EUR)	17.00 - 22.00
ESTER VALUE (mg KOH/g) (BP/PH EUR)	70.00 - 80.00
SAPONIFICATION VALUE (mg KOH/g) (BP/PH EUR)	87.00 - 102.0
RATIO	3.300 - 4.300
CERESIN PARAFFIN & CERTAIN OTHER WAXES (BP/PH EUR)	Complies
GLYCEROL & OTHER POLYHYDRIC ALCOHOLS (%) (BP/PH EUR)	≤0.50