



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdwn Industrial Park, Clovelly Road, Bideford,
Devon, EX39 3DX, United Kingdom

Email: enquiries@thesoapkitchen.co.uk
Call: +44 (0) 1237 420 872

MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name		Organic Beeswax Yellow WHC285			
Biological Definition		The Beeswax is collected from bee hives (<i>bee Apis mellifera L.</i>) and then gently heated and poured into tubs to produce the blocks of solid beeswax. It consists primarily of myricyl palmitate, cerotic acid and esters and some high-carbon paraffins (is a complex mixture of fatty acid esters, long chain alcohols, free wax acids and hydrocarbons).			
INCI Name		Cera Alba.			
Synonyms & Trade Names		-			
Reach Registration Number		Exempt Annex V			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	8012-89-3	EC No.	232-383-7	EINECS No.	232-383-7

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	Cosmetic, Personal Care & Pharmaceutical as raw material for further processing
1:3 – Details of the supplier of the Safety data sheets.	
1:4 – Emergency Telephone number	

02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (1999/45)	Not classed as a hazardous substance
Classification (EC 1272/2008)	Not classed as a hazardous substance
2.2 – Label Elements	

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Label Elements in accordance with (EC) No 1272/2008	None
2:3 - Other hazards	
Signal Word	None
Contains	No hazardous substances
Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	None
Adverse effects on human health	None

03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	100% Cera Alba Cas No: 8012-89-3 not classed as a hazardous substance.
3:2 - Mixtures	
Mixtures	Not applicable

04. FIRST AID MEASURES

4:1 – Description of first aid measures	
Inhalation	Mist or fumes may cause irritation or coughing. Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. No emergency measures are necessary Seek medical advice if large amounts are swallowed
Skin Contact	<u>Cold wax.</u> Wash with soap, hand cleaner and water. <u>Hot wax.</u> Flush skin with cold water to cool as quickly as possible. Cover with clean cotton or gauze. Do not attempt to remove wax from a burn as this can result in tissue loss. Obtain prompt medical attention.
Eye Contact	<u>Cold wax.</u> Wash eyes thoroughly with water. <u>Heated wax.</u> Rinse with cool water to dissipate heat, do not try to remove wax. Obtain prompt medical attention.

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4:2 – Most important symptoms and effects, both acute and delayed

Symptoms and effects	No symptoms known
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4:3 – Indication of any immediate medical attention and special treatment needed

Special requirements	None
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05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media

Suitable extinguishing Media	Foam, Carbon dioxide or dry powder.
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Unsuitable extinguishing Media-DO NOT USE	Direct water jet
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5:2 - Special Hazards arising from substance or mixture

Specific hazards	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.
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5:3 – Advice for firefighters

Special firefighting procedures/ protective actions.	Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Self contained breathing apparatus and full protective clothing must be worn in case of fire. Avoid inhalation of vapours
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06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.

Personal precautions	Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.
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6:2 - Environmental Precautions

Environmental Precautions	Do not discharge into drains, water courses or onto the ground. . Large spillages entering drains / sewers will solidify and may cause blockages and the authorities should be informed in line
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	with environmental laws. Dispose of in line with Local authority guidelines.
6:3 – Methods and materials for containment and cleaning up	
Spill Clean Up Methods	Use sand or active clay to absorb spilled substance. Allow spilt hot wax to cool and solidify and remove the solid for subsequent disposal.
6:4 – Reference to other sections	
Reference to other sections	None

07. HANDLING AND STORAGE

7:1 – Precautions for safe handling	
Usage precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Keep containers leak proof, tightly closed and dry.
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	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 sealed and clearly labelled
Suitable Packaging	No additional data available
7:3 – Specific end use (s)	
End Uses	No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8:1 – Control parameters	
Components with workplace control parameters	None
8:2 – Exposure controls	
Protective Equipment	  

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Process conditions	No special measures required.
Engineering Measures	Provide adequate ventilation. Eyewash facility
Respiratory Equipment	No specific measures but a threshold value of 1mg/m ³ is recommended for wax fumes.
Hand Protection	Use impervious gloves (EN374). If direct contact for >2hrs then Neoprene or nitrile gloves recommended
Eye Protection	Wear safety goggles or face shield if risk of splashing.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal protection	No special measures required.
Skin protection	Wear appropriate clothing to prevent possibility of skin contact.
Environmental exposure controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.	
Appearance	Liquid (at elevated temp) Solid (at ambient temp)
Colour	Yellowish
Odour	Typical.
Relative Density (at 20°C)	~0.97 g/cm ³
Flash Point (°C)	>150
Refractive Index	No additional data available.
Melting Point (°C)	50 - 70
Boiling Point (°C)	>100
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.

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Auto-ignition temperature (°C)	No additional data available.
9:2 - Other information	
Other Information	No additional data available.

10. STABILITY AND REACTIVITY

10:1- Reactivity	
Reactivity	Not reactive under normal storage and handling. May react with strong oxidising agents, especially at high temperatures
10:2 - Chemical stability	
Stability	Stable under the recommended handling and storage conditions
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	Reacts with oxidants
10:4 - Conditions to avoid	
Conditions to Avoid	Extreme temperatures (store between 5-39°C) The product is combustible when heated >300°C
10:5 – Incompatible materials	
Incompatible materials	May react with strong oxidants
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects	
Acute Toxicity	This mixture does not meet the criteria for classification in accordance with Reg No 1272/2008/EC LD50 oral: >2000mg/kg Inhalation: No additional data
Skin corrosion / irritation	Not classified as corrosive/irritant to skin – based on available data

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Serious eye damage / irritation	Can cause slight to moderate irritation.
Respiratory or skin sensitisation	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified.
Photo-toxicity	No additional data
Other Information	None.

12. ECOLOGICAL INFORMATION

12:1- Toxicity	
Ecotoxicity	Not classified as hazardous to the aquatic environment according to 1272/2008/EC
12:2 - Persistence & degradability	
Persistence & degradability	Insoluble in water
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No additional data
12:4 – Mobility in soil	

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Mobility	Non-volatile and absorption into soil solid phase not expected
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	Not identified as a PBT/vPvB substance according to REACH annex XIII
12:6 Other adverse effects	
Precautions	Do not allow product to enter streams, sewers or waterways.

13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods	
Disposal Methods	Do not release into the environment. Dispose of waste product or used containers in accordance with local regulations. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

Warning Icon	Non hazardous product – not bound by transport regulations.
14:1 – UN Number	
UN No Road – ADR/RID/ADN	Non hazardous product – not bound by transport regulations
UN No Sea- IMDG	Non hazardous product – not bound by transport regulations
UN No Air –IATA	Non hazardous product – not bound by transport regulations
14:2 – UN proper shipping name	
Road – ADR/RID/ADN	Non hazardous product – not bound by transport regulations
Sea- IMDG	Non hazardous product – not bound by transport regulations
Air - IATA	Non hazardous product – not bound by transport regulations
14:3 – Transport Hazard class (es)	

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Road – ADR/RID/ADN	Non hazardous product – not bound by transport regulations
Sea- IMDG	Non hazardous product – not bound by transport regulations
Air- IATA	Non hazardous product – not bound by transport regulations
14:4 - Packaging group	
Road – ADR/RID/ADN	Non hazardous product – not bound by transport regulations
Sea- IMDG	Non hazardous product – not bound by transport regulations
Air - IATA	Non hazardous product – not bound by transport regulations
14:5 – Environmental hazard	
Environmentally hazardous substance/ marine pollutant.	No hazard label necessary- Non hazardous product
14:6 - Special precautions for user	
Precautions	See Sections 6-8
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	Not defined

15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
EU Directives	<p>Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006</p> <p>Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),</p> <p>establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing</p> <p>Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and</p>

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	Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
15:2 Chemical Safety assessment	
Assessment information	A chemical assessment for this product has not been carried out.

16. OTHER INFORMATION

Rev No/Repl, SDS Generated	1
Change Description	new MSDS
Date	23 Jan. 2019
Risk Phrases in Full	None
Hazard Statements in Full	None

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.