



Certificate of Analysis

Product Description: Soya Wax **INCI Name:** Hydrogenated Vegetable Oil
EINECS Number: 269-820-6 **CAS Number:** 68334-28-1
Batch Number: 4357916 **Best Before End:** April 2022

Analytical Details	Result
Appearance	White to Off White Oily Solid Flakes
Mettler Dropping Point	128.5
Free Fatty Acid (% as oleic)	0.03
Peroxide Value (MeqO ₂ /kg)	0.01
Iodine Value	55.48
Colour (Lovibond)	0.7



Allergen Statement

Soy Wax

INCI Name: Hydrogenated Vegetable Oil

From The 7th Amendment to the Cosmetic Directive of the European Union (EU) – Annex III 26
Fragrance Allergens

<u>Annex III Ref:</u>	<u>Material:</u>	<u>CAS No:</u>	<u>Total Allergen Inclusion Level (%)</u>
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 CIN-NAMYL 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-METHYLPENTYL CYCLOHEXENECARBOXALDEHYDE	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



Material Safety Data Sheet

According to EU Regulation 1907/2006

Soya Wax

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier					
Product Name	Soya Wax				
Biological Definition	Saturated and unsaturated vegetable lipids predominantly containing triglycerides, diglycerides and monoglycerides.				
INCI Name	N/A				
Synonyms & Trade Names	Hydrogenated Vegetable Oil				
Internal Product Code	R00156				
CAS-No	68334-28-1	EC No.	N/A	EINECS No.	269-820-6

1.2 Details of the supplier of the safety data sheet

Company Identification	Madar Corporation 19-20 Sandeheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk				
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC)	This product does not require labelling in sense of preparation guideline 1907/2006
Classification (EU 1272/2008)	This product does not require labelling in

2.2 Label elements

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

GHS Label:	None
Signal word:	None
Contains	None
Hazard Statements:	None
Precautionary Statements:	None
Supplementary Precautionary Statements:	None

Risk phrases and Safety phrases in full refer to *Section 16 – Other Information*

2.3 Other hazards

Adverse physio-chemical properties	None
Adverse effects on human health	Risk of skin burns caused by hot melt.

SECTION 3: Composition/information on ingredients

3.1 Substances

N/A

3.2 Mixtures

EU INCI	US INCI
N/A	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information	Take away contaminated clothes.
Inhalation	Move affected person into fresh air, keep warm and allow to rest. In case of respiratory tract irritation consult a physician.
Ingestion	Rinse mouth thoroughly with water.
Skin Contact	In case of contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.
Eye Contact	In case of contact with eyes, rinse immediately thoroughly with plenty of water. In case of eye irritation consult an ophthalmologist.

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5: Fire fighting measures

5.1 Extinguishing Media

sand, foam, dry powder, carbon dioxide (CO²)

5.2 Special hazards arising from the substance or mixture.

CO² or nitro oxides (NO_x), soot and other organic products.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions

Wear breathing apparatus if exposed to vapour/dusts/aerosols.

6.2 Environmental precautions

Do not allow to drains, water courses or soil.

6.3 Methods and material for containment and cleaning up

Allow product to cool down and solidify. Collect in suitable containers for recycling or disposal. Please look for disposal considerations.

6.4 References to other sections.

Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions

Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid forming of wax vapour/fume. If this is not possible provide proper air ventilation; if necessary use extraction plant.

7.2 Conditions for safe storage, including any incompatibilities

Only use containers specially approved for the substance and containers: /product. Keep storage place cool and dry.

7.3 Specific end use(s)

N/A

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

None

8.2 Exposure Controls

Eye protection	Eye glasses with side protection
Hand protection	Hand protection in accordance to other used chemicals. Hand protection is recommended. Use protective skin cream regulatory.
Respiratory Equipment	Respiratory protection is necessary at aerosol or mist formation: use mask offilter types A2, A2/P2 or ABEK.
Hygiene Measures	Usual precautions for proper handling of chemicals should be observed. After work, before meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax fume.
Engineering Measures	In case of thermal processing, provide for extraction of vapours or adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Oily solid flake
Colour	-
Odour	Faint
Relative Density	No data
Flash Point (°C)	> 315°C
Refractive Index	No data
Melting Point (°C)	No data
Boiling Point (°C)	No data
Vapour Pressure	No data
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No data

9.2 Other information

N/A



SECTION 10: Stability and reactivity

10.1 Reactivity

N/A

10.2 Chemical stability

Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

No hazardous reactions known.

10.5 Incompatible materials

Reactions with strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decompositions products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects.

Acute toxicity:	Acute oral toxicity: LD50 (rat) > 2000mg/kg
Skin corrosion / irritation:	N/A
Serious eye damage/irritation:	N/A
Respiratory or skin sensitisation:	N/A
Germ cell mutagenicity:	N/A
Carcinogenicity:	N/A
Reproductive toxicity:	N/A
STOT-single exposure:	N/A
STOT-repeated exposure:	N/A
Aspiration hazard:	N/A
Other information:	N/A

**SECTION 12: Ecological information****12.1 Toxicity**

No data available, not expected to be dangerous to the aquatic environment.

12.2 Persistence and degradability

Not readily biodegradable.

12.3 Bio-accumulative potential

N/A

12.4 Mobility in soil

N/A

12.5 Results of PBT and VPVB assessment

N/A

12.6 Other adverse effects

N/A

SECTION 13: Disposal considerations**13.1 Waste Treatment Methods**

With respect to local regulations, e.g. dispose of to suitable waste incineration plant via licensed waste contractor.

SECTION 14: Transport information

Warning Icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted.
Proper Shipping Name	None
UN No. Road	None
ADR Class	None
Hazard No (ADR)	None
Hazchem Code	None
UN No. SEA	None
IMDG Class	None
IMDG Pack Gr.	None
EMS	None
UN No. AIR	None
Air Class	None
Air Pack Gr.	None

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 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

An assessment has not been executed.

SECTION 16: Other information

Training instructions: Refer to possible hazard before use of this product.

Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
Risk Phrases in full:	N/A
Safety Phrases in full:	N/A

Complies with REACH guidance for SDS as circulated by ECHA 2011.

Disclaimer

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MATERIAL SPECIFICATION

Description: Soya Wax

INCI Name: Hydrogenated Vegetable Glyceride

CAS No: 68334-28-1

EINECS No: 269-820-6

ANALYTICAL DETAILS	RANGE
PHYSICAL FORM @ 25°C	Solid flakes
ODOUR	Faint
COLOUR RED	0.0 – 1.5
FREE FATTY ACIDS AS OLEIC (%)	≤ 0.15
IODINE VALUE (CG/G)	50 – 56
PEROXID VALUE (MEQ/KG)	≤ 1.5
ACID VALUE (MG KOH/G)	≤ 0.30

Best Before: 36 Months from the date of

manufacture R00156