



CERTIFICATE OF ANALYSIS

Product: Argan Oil, Refined
Batch Number: 4372508
Best Before End: September 2021

Appearance (20°C): Clear, yellow liquid
Odour: Almost odourless

TEST	SPECIFICATION	ANALYSIS
Free Fatty Acid Value (% as oleic)	3.0 maximum	0.1
Iodine Value (gI ₂ /100gr)	90 – 105	101
Peroxide Value (meqO ₂ /kg)	5.0 maximum	0.8
Saponification Value (mg KOH/gr)	190 – 200	192
Unsaponifiable Matter (%)	1.5 maximum	0.5
Specific Gravity @ 20°C	0.910 – 0.920	0.915
Refractive Index @ 20°C	1.465 – 1.475	1.470
Colour	50 Yellow maximum	12
	5.0 Red maximum	1.1

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	10.0 – 16.0	13.5
C16:1 Palmitoleic	0.5 maximum	0.2
C18:0 Stearic	2.5 – 6.0	3.3
C18:1 Oleic	45.0 – 55.0	51.7
C18:2 Linoleic	26.0 – 35.0	29.1
C18:3 Linolenic	1.0 maximum	0.4



January 2018

STATEMENT

We hereby state and certify that the Argan Oil, Refined, we supply you,

- As a highly refined oil, is Gluten and proteins free and doesn't contain other Tree nuts or Peanuts, nor other allergens listed in EU Directive 2007/68/EC;
- The above-mentioned product, when reviewed against the US FDA and EU EFSA allergens lists, is considered an allergens free product;
- The above-mentioned product does not contain any of the 26 allergens listed in the 7th Amendment (Directive 2003/15/EC) to the EU Cosmetics Directive 76/768/EEC;
- Doesn't contain impurities, doesn't contain any of the substances prohibited in cosmetic products or subjected to restrictions, or any allowed colorants, preservatives and UV filters (Annex II, IV, V and VI of EU Regulation 1223/2009);
- Doesn't contain any of the fragrance allergens which shall be indicated in the list of ingredients in addition to the terms "Parfum" or "Aroma" according to Art. 19, 1. (g) and Annex III of EU Regulation 1223/2009;
- Additionally, to the best of our knowledge, and on the basis of the information provided by our raw material suppliers and an understanding of our product's chemistry, no allergens are intentionally added or introduced during the manufacturing process.

Manufacturing Flow Chart

Product Name	Argan Oil, Refined
Date	February 2019





Document Date:

March 2018

STATEMENT

We hereby certify that Argan Oil, Refined, 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.



MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name		Argan Oil, Refined			
Biological Definition		Oil obtained by expeller pressing from the seed of 'Argania spinosa' chemically refined, bleached and deodorized			
INCI Name		'Argania spinosa'			
Synonyms & Trade Names		-			
Reach Registration Number		Exempt as per Annex IV and V according to EU regulation 1907/2006			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	223747-87-3	EC No.	-	EINECS No.	-

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	Raw material for cosmetic and pharmaceutical products
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire, SP6 1PA Tel: 01425 655555 Email: sales@madarcorporation.co.uk
1:4 – Emergency Telephone number	
Contact telephone number	01425 655555

02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (1999/45)	Not classed as a hazardous substance
Classification (EC 1272/2008)	The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 and further amendments, nor to those having recognised exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills constitute a slippage hazard
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	None

MATERIAL SAFETY DATA SHEET

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	Naturally occurring vegetable oil obtained from the seed of <i>Argania spinosa</i> . The oil may be in the crude or refined, bleached, and deodorized state.
3:2 - Mixtures	
Mixtures	No additional data available

04. FIRST AID MEASURES

4:1 – Description of first aid measures	
General Advice	Remove contaminated soaked clothing immediately
Inhalation	Not expected with this type of product.
Ingestion	No Measure, being a non-toxic product.
Skin Contact	No Measure, being a non-toxic product.
Eye Contact	Wash thoroughly with running tap water.
4:2 – Most important symptoms and effects, both acute and delayed	



MATERIAL SAFETY DATA SHEET

Symptoms and effects	No additional data available
4:3 – Indication of any immediate medical attention and special treatment needed	
Special requirements	No specific recommendations.

05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media	
Suitable extinguishing Media	Foam, Carbon dioxide or dry powder.
Unsuitable extinguishing Media-DO NOT USE	Water
5:2 - Special Hazards arising from substance or mixture	
Specific hazards	The product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke and oxides of carbon.
5:3 – Advice for firefighters	
Special firefighting procedures/ protective actions.	Standard. Wear self-contained breathing apparatus in confined spaces.

06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.	
Personal precautions	No special precautions required
6:2 - Environmental Precautions	
Environmental Precautions	No special precautions required
6:3 – Methods and materials for containment and cleaning up	
Spill Clean Up Methods	Small spills and residues may be absorbed with material such as cloth or sawdust, washed away with water and cleaned with sodic products. Larger spillage may be pumped.



MATERIAL SAFETY DATA SHEET

6:4 – Reference to other sections

Reference to other sections	Section 8 – Exposure controls/ personal protection for further information on personal precautions, Section 13 – Disposal considerations for further information on waste treatment.
-----------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

07. HANDLING AND STORAGE

7:1 – Precautions for safe handling

Usage precautions	Keep containers sealed when not in use. Prevent spills and leaks to avoid slip hazard. Provide suitable mechanical equipment for the safe handling of drums and heavy packages.
-------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

7:2 – Conditions for safe Storage including any incompatibilities

Storage Precautions	Keep containers out of direct sunlight in cool dry conditions at a temperature not exceeding 25°C. Keep in the original containers or in plastic or plastic-coated containers. Limit oxygenation (contact with air).
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	No particular protection measure is needed.
----------------------------------------------	---------------------------------------------

8:2 – Exposure controls

Protective Equipment	No particular protection measure is needed.
Process conditions	No particular protection measure is needed.
Engineering Measures	No particular protection measure is needed.
Respiratory Equipment	No particular protection measure is needed.



MATERIAL SAFETY DATA SHEET

Hand Protection	No particular protection measure is needed.
Eye Protection	No particular protection measure is needed.
Other Protection	No particular protection measure is needed.
Hygiene Measures	No particular protection measure is needed.
Personal protection	No particular protection measure is needed.
Skin protection	No particular protection measure is needed.
Environmental exposure controls	No particular protection measure is needed.

09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.	
Appearance	Clear, pale yellow liquid at 20°C
Colour	Pale yellow
Odour	Almost odourless
Relative Density	0,908-0,918 gr/cm ³ at 20°C
Flash Point (°C)	>300°C
Refractive Index	No additional data available.
Melting Point (°C)	No additional data available.
Boiling Point (°C)	>100°C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water, soluble in vegetable Oils
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



MATERIAL SAFETY DATA SHEET

Reactivity	Stable under normal handling conditions
10:2 - Chemical stability	
Stability	Chemically stable under the recommended handling and storage conditions
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No additional data available.
10:4 - Conditions to avoid	
Conditions to Avoid	High temperature warehousing, heating at more than 60°C (for cosmetic use)
10:5 – Incompatible materials	
Incompatible materials	Strong oxidising agents, concentrated acids, and alkalis.
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	The product does not decompose under normal conditions. In fire conditions a complex mixture of irritating fumes and smoke will be evolved

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects	
Acute Toxicity	Non- toxic product, pharmaceutical and cosmetic use. Doesn't have any microbiological specification as it is sterilized in the refining process. Doesn't contain impurities. Not included in the list of substances prohibited in cosmetic products or subjected to restrictions, doesn't contain colorants, preservatives or UV filters (Annex II - VI of EU Regulation 1223/2009).

12. ECOLOGICAL INFORMATION

12:1- Toxicity	
Ecotoxicity	Low
12:2 - Persistence & degradability	
Persistence & degradability	>90% (OECD)
12:3 - Bioaccumulative Potential	



MATERIAL SAFETY DATA SHEET

Bioaccumulative Potential	None
12:4 – Mobility in soil	
Mobility	Low
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	No additional data available
12:6 Other adverse effects	
Precautions	None

13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods	
Disposal Methods	When possible recover spilled product. When product must be discarded, do so into an authorised dump or recycling service station. Act in accordance with local and national regulations

14. TRANSPORT INFORMATION

Warning Icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks.
14:1 – UN Number	
UN No Road – ADR/RID/ADN	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
UN No Sea- IMDG	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
UN No Air – IATA	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
14:2 – UN proper shipping name	
Road – ADR/RID/ADN	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
Sea- IMDG	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks

MATERIAL SAFETY DATA SHEET

Air - IATA	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
14:3 – Transport Hazard class (es)	
Road – ADR/RID/ADN	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
Sea- IMDG	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
Air- IATA	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
14:4 - Packaging group	
Road – ADR/RID/ADN	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
Sea- IMDG	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
Air - IATA	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks
14:5 – Environmental hazard	
Environmentally hazardous substance/ marine pollutant.	Not water endangering
14:6 - Special precautions for user	
Precautions	None
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	Click here to enter text.

15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
EU Directives	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 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



MATERIAL SAFETY DATA SHEET

	Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 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	
Assessment information	A chemical assessment for this product has not been carried out.

16. OTHER INFORMATION

Revision Date	01.06.2016
Rev No/Repl, SDS Generated	5
Change Description	Updated to comply with new MSDS format
Changes made by	K Tatton
Review Date	01.06.2019
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	Not dangerous according to REACH regulation 1907/2006 No signal word, pictograms, hazard or safety phases required (EU Regulation 1272/2008 CLP)



MATERIAL SAFETY DATA SHEET

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:

February 2019

STATEMENT

We hereby certify that Argan Oil we supply yourselves is suitable for vegans. The product is derived entirely from raw materials of vegetable origin and animal derived products are not present in the product nor used in any stage of the production process, neither in the same production line.