



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdawn 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/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Moringa Oil Refined.				
Biological Definition	Moringa Oleifera Seed Oil is the oil extracted from the seeds of <i>Moringa oleifera</i> , <i>Moringaceae</i> .				
INCI Name	Moringa Oleifera Seed Oil.				
Synonyms & Trade Names	-				
CAS-No	93165-54-9	EC No.	296-941-1	EINECS No.	296-941-1

1.2 Relative identified uses of the substance or mixture and uses advised against

Suitable for cosmetic and professional applications only.

1.3 Details of the supplier of the safety data sheet

1.4 Emergency Tel. No.

+ 44 (0) 1260 222 943

02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Not classed as a hazardous substance.

Classification (EC 1272/2008)

Not classed as a hazardous substance.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

None.

Signal Word

None.

Contains

Contains no hazardous substances.

Hazard Statements

None.

Precautionary Statements

None.

Supplementary Precautionary Statements

None.

2.3 Other Hazards

PBT or vPvB according to Annex XIII

No additional data available.

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Adverse physio-chemical properties	None.
Adverse effects on human health	None.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
100% Moringa Oleifera Seed Oil. CAS: 93165-54-9. Classification: Not classed as a hazardous substance.

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Expose to fresh air. If discomfort occurs; seek medical advice.
Ingestion	Rinse mouth with water. Seek medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any irritation persists or there is any sign of tissue damage.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if irritation persists. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
Extinguishing media: Carbon dioxide (CO ₂). Dry Chemical Powder or foam. Unsuitable extinguishing media: Do not use direct water jet on burning material.
5.2 Special hazards arising from the product
Avoid inhalation of vapours. Wear protective clothing.
5.3 Advice for firefighters
Wear self-contained breathing apparatus. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
6.3 Methods and material for containment and cleaning up.

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Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. Larger spillages may be pumped.

6.4 Reference to other sections

Section 8 and section 13.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep containers leak proof, tightly closed and dry, when not in use. Protect against sun/light. Keep away from open flames. Do not overheat. Prevent spills and leakages 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

Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment. Limit oxygenation (contact with air); keep containers tightly closed. Keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

None.

8.2 Exposure controls

Protective Equipment



Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	Not normally required unless the oil is heated in which case attention must be paid to ensuring adequate ventilation and deployment of NIOSH-approved respirators.
Hand Protection	Wear protective gloves.
Eye Protection	Wear protective glasses / goggles.
Other Protection	No special measures required.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Wear protective equipment to protect from splashes and spills.
Skin Protection	No special measures required. If handling hot oil, wear protective clothing to avoid skin contact.
Environmental Exposure Controls	Avoid discharging into drainage water.

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09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Mobile oily clear liquid, pale to mid yellow.
Colour	Pale to mid yellow.
Odour	Typical - slight, mild.
Relative Density	Approx. 0.915 @ 20°C
Flash Point (°C)	>300
Refractive Index	Approx. 1.469 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in common organic solvents.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Stable under the recommended handling and storage conditions. Presents no significant reactivity hazards, by itself or in contact with water.	
10.2 Chemical stability	
Stable under the recommended handling and storage conditions.	
10.3 Possible hazardous reactions	
None known.	
10.4 Conditions to Avoid	
Avoid strong acids, alkalis and oxidising agents.	
10.5 Incompatible materials	
Avoid contact with strong acids, alkalis and oxidising agents.	
10.6 Hazardous Decomposition Products	
None known on proper use and handling.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Not considered toxic.
Skin corrosion / irritation	Not a skin irritant.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	Not a skin sensitizer.
Germ Cell Mutagenicity	Not listed as mutagenic.

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Carcinogenicity	No additional data available.
Reproductive toxicity	Not reprotoxic.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Does not present an aspiration hazard.
Photo-toxicity	Not photo-toxic.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Not considered eco-toxic.
12.2 Persistence & degradability
Biodegradable.
12.3 Bioaccumulation Potential
Potential for bio-concentration in aquatic organism is low.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Wherever possible recover all spillages. Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.
14.2 UN proper shipping name	
Not bound by transport regulations.	
14.3 Transport hazard class(es)	
Not bound by transport regulations.	
14.4 Packing group	

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Not bound by transport regulations.

14.5 Environmental hazards

Not bound by transport regulations.

14.6 Special precautions for user

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental 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).

Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

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

An assessment has not been carried out.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None.
Revision Date	18/12/2019
Rev No	4

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