



**CERTIFICATE OF ANALYSIS**  
**CHERRY KERNEL OIL RBDW**

Batch No:	4513910
Best Before:	August 2025

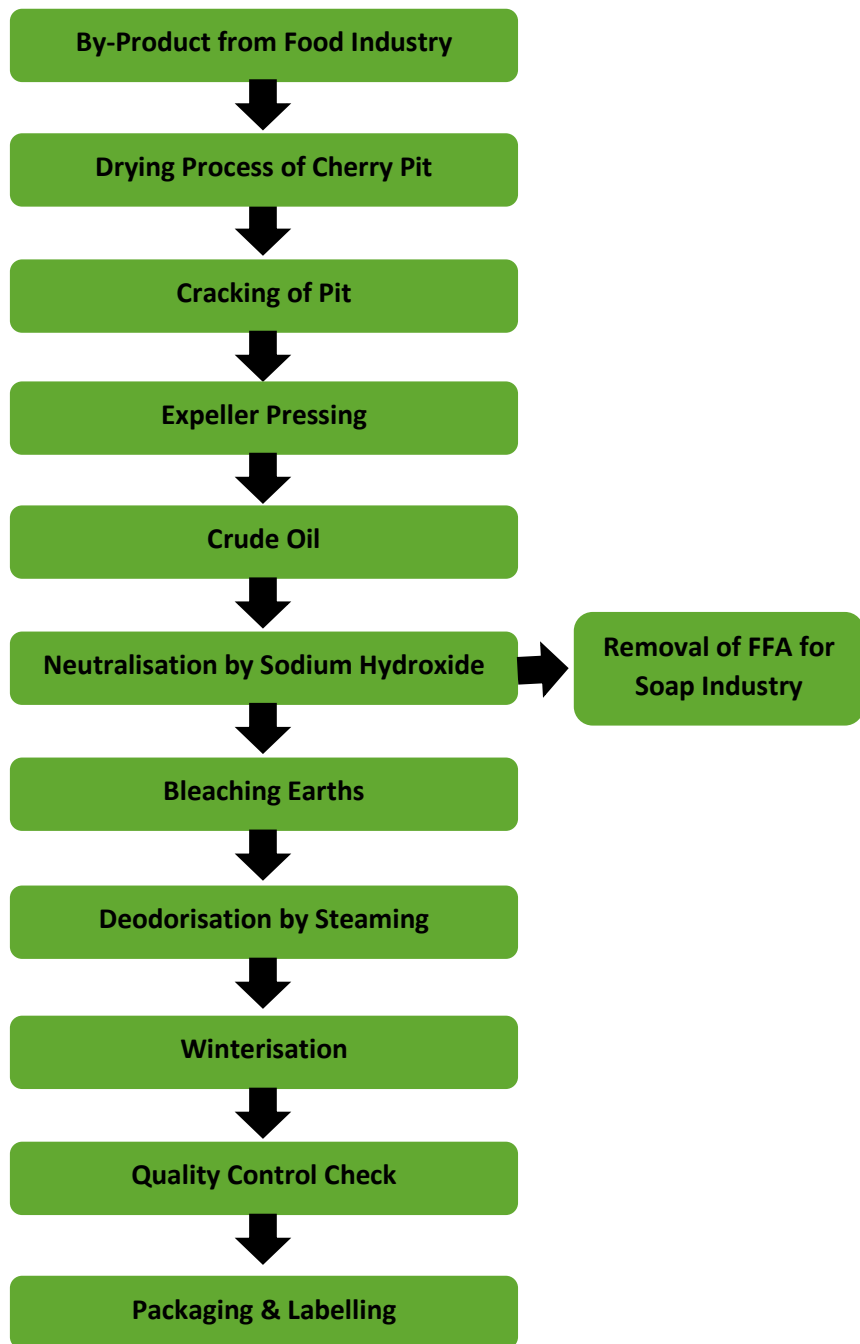
**Description:** A clear, yellowish oily liquid with a faint/characteristic odour.

TEST	SPECIFICATION	ANALYSIS
Acid Value (% as Oleic)	0.5 maximum	0.2
Peroxide Value (meqO <sub>2</sub> /kg)	5.0 maximum	1.0
Refractive Index @ 20°C	1.465 – 1.475	1.470
Specific Gravity @ 15.5°C	0.910 – 0.930	0.915
Iodine Value (grl <sup>2</sup> /100g)	115.0 – 135.0	123.7
Saponification Value	183.0 – 197.0	191.4
Colour (Lovibond 5.25" cell)	30.0 Yellow maximum	26.0
	3.0 Red maximum	2.1

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	5.0 – 10.0	6.5
C18:0 Stearic Acid	1.5 – 3.0	2.7
C18:1 Oleic Acid	25.0 – 42.0	38.6
C18:2 Linoleic Acid	40.0 – 50.0	43.2
C18:3 Linolenic Acid	1.0 maximum	0.4
C18:3 Eleostearic Acid	5.0 – 10.0	5.2
C20:0 Arachidic Acid	1.5 maximum	0.3

This COA is produced electronically therefore no signature is required.

Product Name	Cherry Kernel Oil		
Date	09/10/2020	Product Code	





**Product Name: Cherry Kernel Oil**

We can confirm that this product does not contain and is not derived from any genetically modified materials. This information has been provided and confirmed by our supplier.

DATE: 26/04/2022



We hereby state and confirm that the **CHERRY KERNEL OIL** we supply:

- It is obtained from Prunus avium and is therefore of Plant origin. It is suitable for Vegan and Vegetarians as it does not contain any animal product and, although not Halal certified, the product does not contain animal products or ethyl alcohol. The product is derived entirely from raw materials of vegetable origin. The equipment used for manufacturing this product is not used for the manufacture of other products of animal origin or products containing ingredients of animal origin. The product is not stored near products of animal origin or products containing such ingredients.
- Does not contain any Additives or Petrochemical substances, neither Melamine, Nanomaterials, Carcinogenic, Mutagenic or Radioactive materials.
- As a highly refined oil, it's Gluten and proteins free and exempt from allergen labeling according to EU and US FDA rules. It has been evaluated for residual gluten and protein content and the results were under detection limits (under 0,01 mg/kg).
- 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, and neither the ones listed on the SCCS opinion on Fragrance allergens in cosmetic products, adopted 26-27 June 2012.

DATE: **12-08-2021**

This information is accurate to the best of our knowledge. However, it is incumbent upon all purchasers to satisfy themselves that the criteria meet their own specific requirements. All materials are supplied to our standard terms and conditions and we cannot accept any liability arising out of the use, application or processing of this material.



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

**Product:** Cherry Kernel Oil

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### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** Cherry Kernel Oil; CAS: 85566-22-9

**Other identifiers:** Prunus Avium Seed Oil

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product uses:** Cosmetics, Professional applications only.

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Madar Corporation Limited

**Company address:** 19 - 20 Sandealth Industrial Estate

Fordingbridge

SP6 1PA

**Contact:**

**E-Mail address:** [technical@madarcorporation.co.uk](mailto:technical@madarcorporation.co.uk)

**Company phone:** 01425 655 555

#### 1.4 Emergency telephone number

**Emergency phone:** 01425 655 555

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** This material does not meet the criteria for classification under Regulation (EC) No 1272/2008.

#### 2.2 Label elements

##### **Classification under Regulation (EC) No 1272/2008**

**Signal word:** None

**Hazard statements:** None

**M factor:** None

**Supplemental Information:** None

**Precautionary statements:** None

19-20 Sandealth Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: [technical@madarcorporation.co.uk](mailto:technical@madarcorporation.co.uk)



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

**Product:** Cherry Kernel Oil

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**Pictograms:** None

### 2.3 Other hazards

**Other hazards:** None

### Section 3. Composition / information on ingredients

#### 3.1 Substances

**Product identifier:** Cherry Kernel Oil; CAS: 85566-22-9

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin exposure:** Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

**Ingestion:** Rinse mouth with water and obtain medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

None expected, see Section 4.1 for further information.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: this product can generate oxides of carbon and other toxic gases.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

### Section 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.



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### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Do not eat, drink or smoke whilst handling this product.

Do not breathe vapours, spray or mist.

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

### 7.2 Conditions for safe storage, including any incompatibilities:

Maintain limited contact with oxygen.

### 7.3 Specific end use(s):

Cosmetics, Professional applications only.: Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

Workplace exposure limits: Not Applicable

### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

#### Respiratory Protection

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 engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

**Product:** Cherry Kernel Oil

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### Section 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Physical State/Colour:</b>	Liquid Pale - Yellow
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>Melting Point/Freezing Point:</b>	0.00 °C/-18 °C
<b>Boiling point or initial boiling point and boiling range:</b>	> 100.00 °C
<b>Flammability:</b>	Not determined
<b>Lower and upper explosion limit:</b>	Not determined
<b>Flash point:</b>	> 300.00 °C
<b>Auto-ignition temperature:</b>	> 330 °C
<b>Decomposition temperature:</b>	Not relevant
<b>pH:</b>	Not determined
<b>Kinematic viscosity:</b>	60 mm <sup>2</sup> /s
<b>Solubility:</b>	Insoluble in water.
<b>Partition coefficient: n-octanol/water (log value):</b>	Not determined
<b>Vapour pressure:</b>	2.160000
<b>Density and/or relative density:</b>	0.910 - 0.930
<b>Relative vapour density:</b>	Not determined
<b>Particle characteristics:</b>	Not determined

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Expected to remain stable under recommended storage conditions.

#### 10.2 Chemical stability:

Expected to remain stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Extremes of temperature.

Freezing

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.





## SAFETY DATA SHEET

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**Product:** Cherry Kernel Oil

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### 10.6 Hazardous decomposition products:

Not expected.

## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This material does not meet the criteria for classification for health hazards under Regulation (EC) No 1272/2008.

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitisation:</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

### 11.2 Information on other hazards

Not Applicable

## Section 12. Ecological information

<b>12.1 Toxicity:</b>	Not available
<b>12.2 Persistence and degradability:</b>	Not available
<b>12.3 Bioaccumulative potential:</b>	Not available
<b>12.4 Mobility in soil:</b>	Not available

### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable

**12.7 Other adverse effects:** Not available



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

**Product:** Cherry Kernel Oil

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### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

**14.5 Environmental hazards:** Not environmentally hazardous for transport

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not classified

### Section 15. Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Key to revisions:**

Not applicable

**Key to abbreviations:**

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

## Product Specification

<b>PRODUCT</b>	Cherry Kernel Oil				
		<b>DATE</b>	01/08/2022	<b>REVISION</b>	5

<b>DESCRIPTION</b>	Prunus Avium Seed Oil is the fixed oil obtained from the kernels of the Sweet Cherry, Prunus avium L., Rosaceae				
<b>INCI NAME</b>	Prunus Avium Seed Oil				
<b>CAS NUMBER</b>	85566-22-9	<b>EC NUMBER</b>	287-632-2		

### CHARACTERISTICS

<b>APPEARANCE AT ROOM TEMPERATURE</b>	Liquid
<b>COLOUR</b>	Light Yellow
<b>ODOUR</b>	Characteristic

### ANALYSIS

<b>COLOUR (y/r)</b>	≤30.0/3.00
<b>RELATIVE DENSITY (gr/cm<sup>3</sup>)</b>	0.910 – 0.930 @ 20°C
<b>REFRACTIVE INDEX</b>	1.465 – 1.475 @ 20°C
<b>FREE FATTY ACID (% AS OLEIC ACID)</b>	≤0.50
<b>IODINE VALUE (grI<sub>2</sub>/100 gr)</b>	115.0 – 135.0
<b>PEROXIDE VALUE (meq O<sub>2</sub>/kg) (AT TIME OF PRODUCTION ANALYSIS)</b>	≤5.00
<b>SAPONIFICATION VALUE (mg KOH/gr)</b>	183.0 – 197.0

### FATTY ACID PROFILE (%)

<b>C16:0</b>	<b>PALMITIC ACID</b>	5.00 – 10.0
<b>C18:0</b>	<b>STEARIC ACID</b>	1.50 – 3.00
<b>C18:1</b>	<b>OLEIC ACID</b>	25.0 – 42.0
<b>C18:2</b>	<b>LINOLEIC ACID</b>	40.0 – 50.0
<b>C18:3</b>	<b>LINOLENIC ACID</b>	≤1.0
<b>C18:3</b>	<b>ELEOSTERIC ACID</b>	5.00 – 10.0
<b>C20:0</b>	<b>ARACHIDIC ACID</b>	≤1.5