



## Certificate of Analysis

PRODUCT DETAILS			
Product Name	OAT OIL REFINED DEODORISED		
Product Code	OVOAT		
INCI Name	Avena Sativa Kernel Oil		
Batch Number	4511002		
Best Before End	July 2025		
Manufacturing Process	Avena Sativa Kernel Oil is the fixed oil expressed from the kernels of the Oat, Avena sativa L Poaceae.		
Identification	CAS No: 84012-26-0	EINECS No: 281-672-4	
PHYSICAL AND CHEMICAL CHARACTERISTIC			
	SPECIFICATION RANGES		RESULTS
Appearance	Liquid		Conforms
Colour	Pale yellowish		Conforms
Odour	Neutral		Conforms
Relative Density @20°C	0.910 - 0.920		0.916
Refractive Index @ 20°C	1.465 - 1.470		1.466
Solubility in water @ 20°C	Insoluble in water. Soluble in oil and ethanol		Conforms
Iodine Value (mg/g)	120 - 140		130.6
Peroxide Value (Meq/Kg)	<2.0 ( at time of production analysis)		1.4
Saponification Value (mgKOH/g)	181 - 199		192.4
Acid Value (mgKOH/g)	<0.5		0.12
FATTY ACID PROFILE (%)			
SPECIFICATION RANGES	RESULTS	SPECIFICATION RANGES	RESULTS
C 16:0 Palmitic Acid 11-20	12	C 16:1 Palmitoleic Acid <1	<0.1
C 18:0 Stearic Acid 0-3.6	2.5	C 18:1 Oleic Acid 12-38	24.8
C 18:2 Linoleic Acid 40-60	53	C 18:3 Linolenic Acid 4-10	6.5
C 20:0 Arachidic Acid <1	0.2	C 20:1 Eicosenoic Acid <2	0.6
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.		

**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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



**CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT**

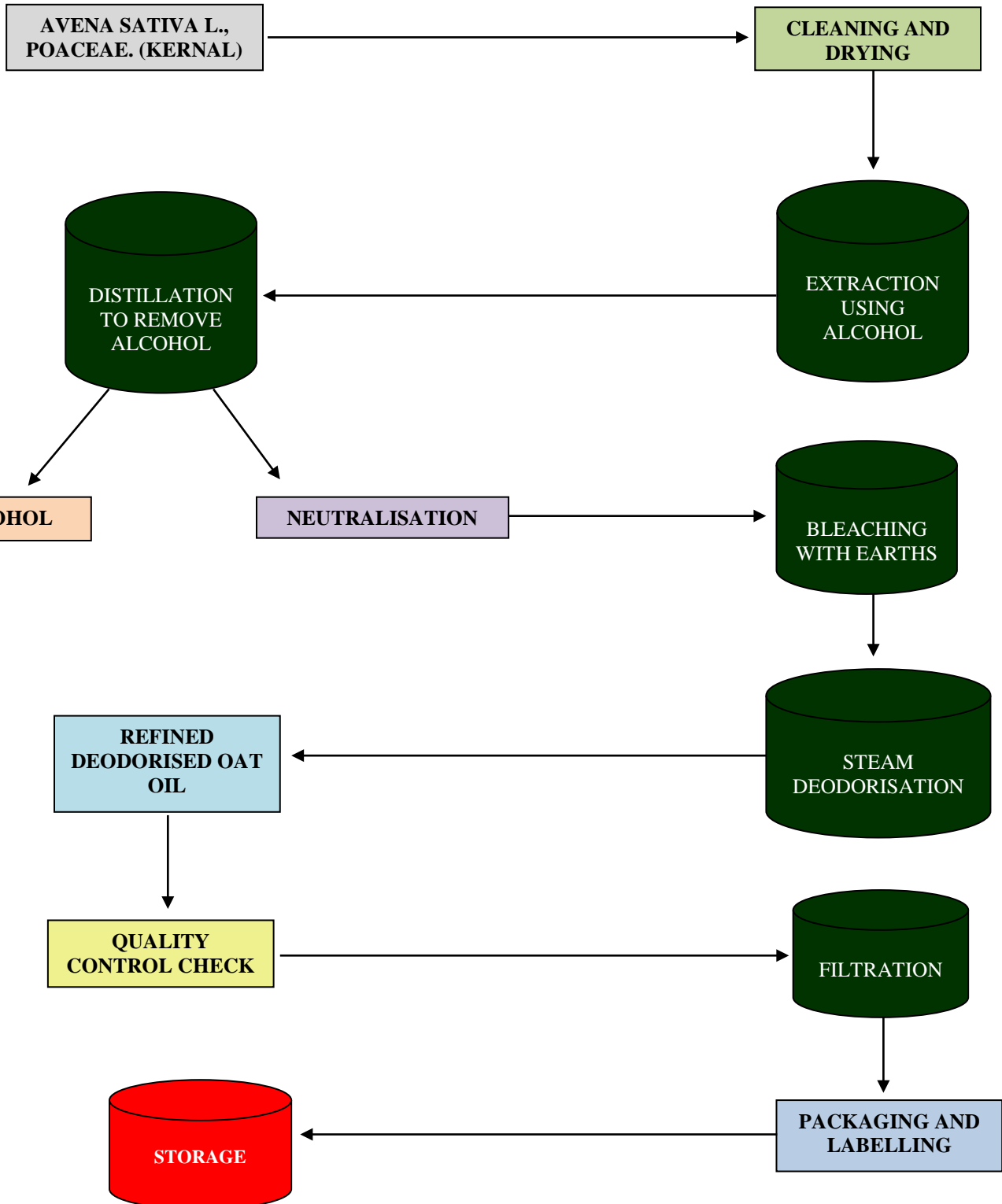
We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

Product: OAT OIL REFINED DEODORISED

05-08-2021

## PROCESSING – OAT OIL REFINED DEODORISED





**SAFETY DATA SHEET**  
**OAT OIL REFINED DEODORISED**

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

**1.1. Product identifier**

**Product name** OAT OIL REFINED DEODORISED  
**Synonyms; trade names** Avena Sativa Kernel Oil  
**CAS number** 84012-26-0

**EC number** 281-672-4

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

**Identified uses** Component of: Cosmetic products and Pharmaceutical products.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Madar Corporation Limited  
19 - 20 Sandleheath Industrial Estate  
Fordingbridge  
SP6 1PA  
Tel. +44 1425 655 555  
e-mail technical@madarcorporation.co.uk

**1.4. Emergency telephone number**

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**2.2. Label elements**

**EC number** 281-672-4  
**Hazard statements** NC Not Classified

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

**Product name** OAT OIL REFINED DEODORISED  
**CAS number** 84012-26-0

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK  
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

# OAT OIL REFINED DEODORISED

EC number 281-672-4

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	None
Ingestion	None
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Wash with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.

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

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Use as appropriate carbon dioxide (CO <sub>2</sub> ), dry chemical or foam
Unsuitable extinguishing media	Water.

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

Specific hazards	None known.
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### 5.3. Advice for firefighters

## SECTION 6: Accidental release measures

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

Personal precautions	Good personal hygiene procedures should be implemented.
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### 6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Cover with inert, inorganic, non-combustible material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines.
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### 6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Provide adequate ventilation. Container must be kept tightly closed when not in use. Avoid contact with skin and eyes.
Advice on general occupational hygiene	Good personal hygiene procedures should be implemented.

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

Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
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### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

## OAT OIL REFINED DEODORISED

### 8.1. Control parameters

### 8.2. Exposure controls

<b>Personal protection</b>	Use personal protection according to Directive 89/686/EEC
<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Other skin and body protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented.
<b>Respiratory protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Environmental exposure controls</b>	Avoid discharging into drains.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Pale Yellowish.
<b>Odour</b>	Neutral
<b>Initial boiling point and range</b>	>350°C
<b>Flash point</b>	>300°C
<b>Vapour pressure</b>	No information available.
<b>Relative density</b>	0.910 - 0.920 @ 20°C
<b>Solubility(ies)</b>	Insoluble in water. Soluble in alcohol and oils.
<b>Auto-ignition temperature</b>	No information available.

### 9.2. Other information

<b>Refractive index</b>	1.465 - 1.470 @ 20°C
<b>Hydrocarbon Content</b>	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable under normal conditions.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	None known.
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## OAT OIL REFINED DEODORISED

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      None known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects**      No information available.

### SECTION 12: Ecological information

**Ecotoxicity**      No information available.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability**      The product is biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential**      Possible

#### 12.4. Mobility in soil

**Mobility**      No data available.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment**      No data available.

#### 12.6. Other adverse effects

**Other adverse effects**      Do not allow product to enter streams, sewers or other waterways.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods**      Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General**      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

## OAT OIL REFINED DEODORISED

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

## SECTION 16: Other information

<b>Revision date</b>	22/02/2021
<b>Revision</b>	2
<b>Supersedes date</b>	11/11/2016
<b>SDS number</b>	4771

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## Product Specification

PRODUCT DETAILS			
Product Name	OAT OIL REFINED DEODORISED		
INCI Name	Avena Sativa Kernel Oil		
Country of Origin	EU		
Tariff Number	15159060		
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.		
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.		
Kosher Certified	Can be added		
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.		
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.		
Manufacturing Process	Avena Sativa Kernel Oil is the fixed oil expressed from the kernels of the Oat, Avena sativa L Poaceae.		
Identification	CAS No: 84012-26-0 EINECS No: 281-672-4		
PHYSICAL AND CHEMICAL CHARACTERISTIC			
Appearance	Liquid		
Colour	Pale yellowish		
Odour	Neutral		
Relative Density @ 20°C	0.910 - 0.920		
Refractive Index @ 20°C	1.465 - 1.470		
Solubility in water @ 20°C	Insoluble in water. Soluble in oil and ethanol		
Boiling Point	>300°		
Iodine Value (mg/g)	120 - 140		
Peroxide Value (Meq/Kg)	<2.0 ( at time of production analysis)		
Saponification Value (mgKOH/g)	181 - 199		
Acid Value (mgKOH/g)	<0.5		
FATTY ACID PROFILE (%)			
C 16:0 Palmitic Acid	11.0 - 20.0%	C 16:1 Palmitoleic Acid	<1.0%
C 18:0 Stearic Acid	0 - 3.6%	C 18:1 Oleic Acid	12.0 - 38.0%
C 18:2 Linoleic Acid	40.0 - 60.0%	C 18:3 Linolenic Acid	4.0 -10.0%
C 20:0 Arachidic Acid	<1.0%	C 20:1 Eicosenoic Acid	<2.0
FRAGRANCE ALLERGENS			
NONE PRESENT			
IFRA			
NONE PRESENT			
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.		
Shelf Life	12 months unopened and stored as above.		

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## Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	OAT OIL REFINED DEODORISED
Cas No:	84012-26-0
EINECS No:	281-672-4
STATEMENT	
<p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	