MATERIAL SAFETY DATA SHEET
According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

<table>
<thead>
<tr>
<th>1.1 PRODUCT IDENTIFIER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Name</strong></td>
<td>Avocado Refined Kosher Oil</td>
</tr>
<tr>
<td><strong>Biological Definition</strong></td>
<td>Persea Gratissima Oil is the fixed oil obtained by pressing the dehydrated sliced flesh of the avocado pear, Persea Gratissima, Lauraceae. It consists principally of the glycerides of fatty acids.</td>
</tr>
<tr>
<td><strong>INCI Name</strong></td>
<td>Persea Gratissima Oil</td>
</tr>
<tr>
<td><strong>Synonyms &amp; Trade Names</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Internal Product Code</strong></td>
<td>R01257</td>
</tr>
<tr>
<td><strong>CAS Number</strong></td>
<td>8024-32-6</td>
</tr>
<tr>
<td><strong>EC Number</strong></td>
<td>232-428-0</td>
</tr>
<tr>
<td><strong>EINECS Number</strong></td>
<td>232-428-0</td>
</tr>
<tr>
<td><strong>REACH Status</strong></td>
<td>Exempt</td>
</tr>
</tbody>
</table>

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

| Company                  | The Kerfoot Group Ltd  
The Olive House  
Standard Way Industrial Estate,  
Darlington Road,  
Northallerton,  
North Yorkshire,  
England DL6 2XA |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emergency Telephone Number</strong></td>
<td>01609 766790</td>
</tr>
</tbody>
</table>
SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE
The full text for all hazard statements are displayed in Sec.16
Classification (EU 1272/2008) Not classed as a hazardous substance.

2.2 LABEL ELEMENTS
Label in accordance with Regulation (EC) No 1272/2008
GHS Label: Not classed as a hazardous substance.
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.
Adverse physio-chemical properties No additional data available.
Adverse effects on human health No additional data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE
N/A

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES
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 Flush with large amounts of water and if necessary seek medical attention.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.
No additional data available.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED
No additional data available.

SECTION 5: FIRE FIGHTING MEASURES
5.1 EXTINGUISING MEDIA
Dry fire extinguisher, alcohol resistant foam, Carbon Dioxide

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT
May produce carbon monoxide, carbon dioxide and smoke during thermal decomposition or combustion

5.3 ADVICE FOR FIRE FIGHTERS

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
No special precautions required.

6.2 ENVIRONMENTAL PRECAUTIONS
No special precautions required.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP
Danger of slipping possible. Keep away from sources of ignition. Do not empty into drains. Cover with absorbent material. Do not use combustible material such as sawdust for soaking up spills. Clean and dispose material according to local, state and federal regulations.

6.4 REFERENCES TO OTHER SECTIONS
See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
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
Store in closed containers at 25°C temperature. Nitrogen blanket after opening when possible and reseal in airtight containers. Handle containers with care to prevent physical damage.

7.3 SPECIFIC END USE(S)
No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS
No additional data available.
### 8.2 EXPOSURE CONTROLS

<table>
<thead>
<tr>
<th>Protective equipment</th>
</tr>
</thead>
</table>
| Process Conditions   | No additional data available.  
| Engineering Measures | No particular protection measure is needed.  
| Respiratory Equipment| No particular protection measure is needed.  
| Hand Protection      | No particular protection measure is needed. Gloves may be worn  
| Eye Protection       | No particular protection measure is needed. Safety glasses should be worn.  
| Other Protection     | No additional data available.  
| Hygiene Measures     | Good personal hygiene practices are always advisable, especially when working with chemicals / oils.  
| Personal Protection  | No additional data available.  
| Skin Protection      | No additional data available.  
| Environmental Exposure Controls | No additional data available.  

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Mobile liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Transparent light yellow to yellowish green</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Relative Density @ 20°C</td>
<td>0.912 – 0.923</td>
</tr>
<tr>
<td>Refractive Index @ 20°C</td>
<td>1.468 – 1.476</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>&gt;330°C</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>&gt;100°C</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Solubility in Water @20°C</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Auto-ignition temperature (°C)</td>
<td>No additional data available.</td>
</tr>
</tbody>
</table>

#### 9.2 OTHER INFORMATION

No additional data available.
## SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY  
Stable under normal circumstances.

10.2 CHEMICAL STABILITY  
Stable under normal temperature conditions.

10.3 POSSIBLE HAZARD REACTIONS  
None under normal use conditions.

10.4 CONDITIONS TO AVOID  
Avoid contact with strong oxidising agents.

10.5 INCOMPATIBLE MATERIALS  
No additional data available.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS  
May produce carbon monoxide and carbon dioxide during thermal decomposition or combustion.

## SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Non-toxic product:</td>
</tr>
<tr>
<td>Skin corrosion / irritation</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No additional data available</td>
</tr>
<tr>
<td>Photo-toxicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Other information:</td>
<td>No additional data available.</td>
</tr>
</tbody>
</table>
SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY
Low

12.2 PERSISTENCE AND DEGRADABILITY
This material is 100% biodegradable. Discharge of large amounts into the aquatic environment may kill fish and other aquatic organisms by oxygen depletion.

12.3 BIOACCUMULATION POTENTIAL
None

12.4 MOBILITY IN SOIL
Low

12.5 RESULTS OF PBT AND VPVB ASSESSMENT
No additional data available.

12.6 OTHER ADVERSE EFFECTS
No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS
Collect and seal in properly labelled drums for landfills. Dispose of in accordance with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER
UN No. Road Not bound under transport regulations.
UN No. Sea Not bound under transport regulations.
UN No. Air Not bound under transport regulations.

14.2 UN PROPER SHIPPING NAME
Not bound under transport regulations.

14.3 TRANSPORT HAZARD CLASS(ES)
Not bound under transport regulations.

14.4 PACKAGING GROUP
Not bound under transport regulations.

14.5 ENVIRONMENTAL HAZARDS
Not bound under transport regulations.

14.6 SPECIAL PRECAUTIONS FOR USER
Not bound under transport regulations.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE
Not bound under transport regulations.

SECTION 15: REGULATORY INFORMATION
15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Statutory Instruments
Guidance Notes
Workplace Exposure Limits EH40. CHIP for everyone HSG (108).
EU Legislation

15.2 CHEMICAL SAFETY ASSESSMENT
No additional information available.

SECTION 16: OTHER INFORMATION

| Hazard and/or Precautionary Statements in Full | None |
| Other Information                  | Complies with REACH guidance for SDS as circulated by ECHA 2011. |
| Version                          | 3 |
| Revision Date                     | 18th February 2021 |
| Reason for Revision               | Company Name |

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 themselves as to the suitability of such information for their own particular use.