



KERFOOT

Avril GROUP

MATERIAL SAFETY DATA SHEET According to EU Regulation 1907/2006

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

1.1 PRODUCT IDENTIFIER

Product Name	Watermelon Refined Oil
Biological Definition	Citrullus Lanatus Seed Oil is the fixed oil obtained from the seeds of the Watermelon, Citrullus Lanatus, Cucurbitaceae.
INCI Name	Citrullus Lanatus Seed Oil
Synonyms & Trade Names	Watermelon Seed Oil
Internal Product Code	R00872
CAS Number	90244-99-8
EC Number	290-802-9
EINECS Number	290-802-9
REACH Status	Exempt

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Kerfoot Avril Group The Olive House Standard Way Industrial Estate, Darlington Road, Northallerton, North Yorkshire, England DL6 2XA
Emergency Telephone Number	01609 766790



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)	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.
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2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

GHS Label: None

Signal word: None

Contains None

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	Wash thoroughly with running tap water

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



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5.1 EXTINGUISHING MEDIA

Suitable extinguishing media: CO2, Dry powder, Foam.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

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 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

No special precautions required.

6.2 ENVIRONMENTAL PRECAUTIONS

No special precautions required.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

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.

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

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).

7.3 SPECIFIC END USE(S)



No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Workplace exposure limits: None



8.2 EXPOSURE CONTROLS	
Protective equipment	 
Process Conditions	No particular protection measure is needed.
Engineering Measures	No particular protection measure is needed.
Respiratory Equipment	No particular protection measure is needed.
Hand Protection	Wear protective gloves/eye protection/face protection
Eye Protection	Wear protective gloves/eye protection/face protection.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	No additional data available.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	No additional data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Colour	Clear, light yellow
Odour	Almost odourless
Specific Gravity @ 20°C	0.915 – 0.925
Refractive Index @ 20°C	1.470 – 1.480
Flash Point (°C)	>300
Melting Point (°C)	No Data
Boiling Point (°C)	>100
Vapour Pressure	No Data
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No Data

9.2 OTHER INFORMATION

No additional data available.



SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

Stable under normal temperature and storage conditions.

10.3 POSSIBLE HAZARD REACTIONS

Not expected under normal temperature conditions and recommended use.

10.4 CONDITIONS TO AVOID

High temperature warehousing, heating at more than 60°C

10.5 INCOMPATIBLE MATERIALS

Avoid contact with concentrated acids, alkalis and oxidising agents

10.6 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.

SECTION 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 sterilised 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).
Skin corrosion / irritation	No additional data available
Serious eye damage/irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available
Photo-toxicity	No additional data available.
Other information:	No additional data available.



SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Low

12.2 PERSISTENCE AND DEGRADABILITY

> 90% (OECD)

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

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.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	None
UN No. Sea	None
UN No. Air	None

14.2 UN PROPER SHIPPING NAME

None

14.3 TRANSPORT HAZARD CLASS(ES)

None

14.4 PACKAGING GROUP

None

14.5 ENVIRONMENTAL HAZARDS

None

14.6 SPECIAL PRECAUTIONS FOR USER

No additional data available.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available.

SECTION 15: REGULATORY INFORMATION



15.1 SAFETY, HEALTH AND ENVIRONMENT 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).

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

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	1
Revision Date	6 th April 2018
Reason for Revision	New MSDS

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