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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	Tomato Seed Refined Oil
Biological Definition	Solanum Lycopersicum Seed Oil is the fixed oil obtained from the seeds of the Tomato, Solanum Lycopersicum L., Solanaceae
INCI Name	Solanum Lycopersicum Seed Oil
Synonyms & Trade Names	-
Internal Product Code	R00666
CAS Number	90131-63-8
EC Number	290-375-9
EINECS Number	290-375-9
REACH Status	Exempt

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	
Emergency Telephone Number	

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.
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2.2 LABEL ELEMENTS

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

GHS Label:	Not classed as a hazardous substance.
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Signal word:	None
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Contains	Contains no hazardous substances.
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Hazard Statements:	None
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Precautionary Statements:	None
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Supplementary Precautionary Statements:	None.
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2.3 OTHER HAZARDS

PBT or vPvB according to Annex XIII	No additional data available.
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Adverse physio-chemical properties	No additional data available.
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Adverse effects on human health	No additional data available.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

100% Solanum Lycopersicum Seed Oil

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Not expected with this type of product
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Ingestion	No measure, being a non-toxic product
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Skin Contact	No measure, being a non-toxic product
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Eye Contact	Wash thoroughly with running tap water
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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 EXTINGUISHING MEDIA

Foam, CO₂, Dry chemical powder.

UNSUITABLE EXTINGUISH MEDIA: Water.

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

Standard. Wear self-contained breathing apparatus in confined spaces.

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 PERAMETERS

None

8.2 EXPOSURE CONTROLS	
Protective equipment	 
Process Conditions	No additional data available.
Engineering Measures	No additional data available.
Respiratory Equipment	No additional data available.
Hand Protection	Gloves to be worn to prevent contact with skin.
Eye Protection	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

Appearance	Clear liquid
Colour	Light yellow
Odour	Almost odourless
Relative Density @ 20°C	0.915 – 0.925
Refractive Index @ 20°C	1.470 – 1.480
Flash Point (°C)	>3000°C
Melting Point (°C)	No additional data available
Boiling Point (°C)	>100°C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data available.

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 conditions.

10.3 POSSIBLE HAZARD REACTIONS

No additional data available.

10.4 CONDITIONS TO AVOID

High temperature warehousing, heating at more than 60°C

10.5 INCOMPATIBLE MATERIALS

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	This substance is non-toxic
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	Not bound under transport regulations.
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UN No. Sea	Not bound under transport regulations.
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UN No. Air	Not bound under transport regulations.
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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

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

21st March 2019

Reason for Revision

New MSDS

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.