Essential Oils Direct Ltd

Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name	Castor Oil				
Biological Definition	Ricinus Communis Seed Oil is the fixed oil obtained from the seeds of Castor, *Ricinus communis, Euphorbiaceae.*				
INCI Name	Ricinus Communis Seed Oil				
Synonyms & Trade Names	Castor Oil				
CAS-No	8001-79-4	EC No.	232-293-8	EINECS No.	232-293-8
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data available.					
1.3 Details of the supplier of the safety data sheet					
Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912					
1.4 Emergency Tel. No.	+ 44 (0) 161 633 3952				

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Not classed as a hazardous substance.	
Classification (EC 1272/2008)	
Not classed as a hazardous substance.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
None.	
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	None.
Adverse effects on human health	None.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

100% Ricinus Communis Seed Oil	Cas No: 8001-79-4	Not classed as a hazardous substance.

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Not applicable.
Ingestion	If large amounts are swallowed, give water to drink and seek medical advice.
Skin Contact	Wash skin with soap and water.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
Extinguishing media: Carbon dioxide (CO_2). Dry Chemical Powder. Foam. Fog.
5.2 Special hazards arising from the product
Keep free of ignition sources.
5.3 Advice for firefighters
No additional data available.

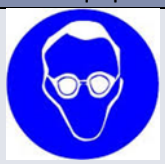
06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
No additional data available.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
6.3 Methods and material for containment and cleaning up.
Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. Wash with soap and water to prevent slip hazard.
6.4 Reference to other sections
Section 8 and section 13.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep away from strong Oxidizing agents, sources of ignition and open flames.
7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, dry location, in a sealed container.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
No additional data available.
8.2 Exposure controls
Protective Equipment


Process Conditions	No additional data available.
Engineering Measures	Evaluate need based on application. Slip proof shoes may be worn where spills occur.
Respiratory Equipment	Not normally required.
Hand Protection	Gloves should be worn.
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	Use personal protection according to Directive 89/686/EEC.
Skin Protection	No additional data available.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Clear liquid, greenish yellow.
Colour	Greenish yellow
Odour	Characteristic
Relative Density	0.957 - 0.969 @ 20°C
Flash Point (°C)	~ 229
Refractive Index	1.477 - 1.481 @ 20°C
Melting Point (°C)	-10.0
Boiling Point (°C)	313.0
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	449.0
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable under normal operating conditions.
10.2 Chemical stability
Stable under normal temperature conditions.
10.3 Possible hazardous reactions

None under normal use conditions.
10.4 Conditions to Avoid
No additional data available.
10.5 Incompatible materials
Keep away from strong Oxidizing agents, sources of ignition and open flames.
10.6 Hazardous Decomposition Products
Carbon Dioxide & Carbon Monoxide may form when heated to decomposition.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	No toxic effect.
Skin corrosion / irritation	Not expected to be an irritant.
Serious eye damage / irritation	Not expected to be an irritant.
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.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No additional data available.
12.2 Persistence & degradability
No additional data available.
12.3 Bioaccumulation Potential
No additional data available.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.

14.2 UN proper shipping name

No additional data available.

14.3 Transport hazard class(es)

No additional data available.

14.4 Packing group

No additional data available.

14.5 Environmental hazards

No hazard label necessary – non hazardous product.

14.6 Special precautions for user

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental 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

An assessment has not been executed.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None.
Other Information	None.
Revision Date	30/08/2016
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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