



## MATERIAL SAFETY DATA SHEET

### 01. IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING

1:1-Product Identifiers:					
Product name	Organic Castor Oil WHC288				
Biological Definition	Ricinus Communis Seed Oil is the fixed oil obtained from the seeds of Castor, <i>Ricinus communis</i> , <i>Euphorbiaceae</i> .				
INCI Name	Ricinus Communis Seed Oil				
Synonyms & Trade Names	Castor Oil				
Reach Registration Number	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	8001-79-4	EC No.	232-293-8	EINECS No.	232-293-8

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	No additional data available
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	Naturally Balmy Ltd 30 Southbourne Road Bournemouth BH6 5AD
1:4 – Emergency Telephone number	
Contact telephone number	01202 567046

### 02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (1999/45)	Not classed as a hazardous substance
Classification (EC 1272/2008)	Not classed as a hazardous substance
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	None
2:3 - Other hazards	
Signal Word	None
Contains	No hazardous substances



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Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	None
Adverse effects on human health	None

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	100% Ricinus Communis Seed Oil Cas No: 8001-79-4 Not classed as a hazardous substance.
3:2 - Mixtures	
Mixtures	Not applicable

### 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	
Symptoms and effects	No additional data available
4:3 – Indication of any immediate medical attention and special treatment needed	
Special requirements	No additional data available



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### 05. FIRE-FIGHTING MEASURES

<b>5:1 - Extinguishing Media</b>	
Suitable extinguishing Media	Foam, Fog, Carbon dioxide or dry powder.
Unsuitable extinguishing Media-DO NOT USE	No additional data available
<b>5:2 - Special Hazards arising from substance or mixture</b>	
Specific hazards	Keep free of ignition sources
<b>5:3 – Advice for firefighters</b>	
Special firefighting procedures/ protective actions.	No additional data available

### 06. ACCIDENTAL RELEASE MEASURES

<b>6:1 - Personal Precautions, protective equipment and emergency procedures.</b>	
Personal precautions	No additional data available
<b>6:2 - Environmental Precautions</b>	
Environmental Precautions	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
<b>6:3 – Methods and materials for containment and cleaning up</b>	
Spill Clean Up Methods	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.
<b>6:4 – Reference to other sections</b>	
Reference to other sections	Section 8 – Exposure controls/ personal protection for further information on personal precautions, Section 13 – Disposal considerations for further information on waste treatment.





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### **07. HANDLING AND STORAGE**

7:1 – Precautions for safe handling	
Usage precautions	Keep away from strong Oxidizing agents, sources of ignition and open flames.
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	Store in tightly-closed, container in a dry, cool place.
Suitable Packaging	No additional data available
7:3 – Specific end use (s)	
End Uses	No additional data available

### **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

8:1 – Control parameters	
Components with workplace 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.



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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**

<b>9:1 - Information on basic physical and chemical properties.</b>	
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
<b>9:2 - Other information</b>	
Other Information	No additional data available.

### **10. STABILITY AND REACTIVITY**

<b>10:1- Reactivity</b>	
Reactivity	Stable under normal operating conditions
<b>10:2 - Chemical stability</b>	



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Stability	Stable under normal temperature conditions
<b>10:3 - Possibility of hazardous reactions</b>	
Possible hazardous reactions	None under normal use conditions
<b>10:4 - Conditions to avoid</b>	
Conditions to Avoid	No additional data available
<b>10:5 – Incompatible materials</b>	
Incompatible materials	Keep away from strong Oxidizing agents, sources of ignition and open flames.
<b>10:6 - Hazardous Decomposition Products</b>	
Hazardous Decomposition Products	Carbon Dioxide & Carbon Monoxide may form when heated to decomposition.

### **11. TOXOLOGICAL INFORMATION**

<b>11:1 Information on toxicological effects</b>	
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.



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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	
Ecotoxicity	No additional data available.
12:2 - Persistence & degradability	
Persistence & degradability	No additional data available.
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No additional data available.
12:4 – Mobility in soil	
Mobility	No additional data available.
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	No additional data available.
12:6 Other adverse effects	
Precautions	Do not allow product to enter streams, sewers or other waterways.

### **13. DISPOSAL CONSIDERATIONS**

13:1 Waste treatment methods
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Disposal Methods	Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters.
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### **14. TRANSPORT INFORMATION**

Warning Icon	Not bound by transport regulations
<b>14:1 – UN Number</b>	
UN No Road – ADR/RID/ADN	Not bound by transport regulations
UN No Sea- IMDG	Not bound by transport regulations
UN No Air –IATA	Not bound by transport regulations
<b>14:2 – UN proper shipping name</b>	
Road – ADR/RID/ADN	No additional data available.
Sea- IMDG	No additional data available.
Air - IATA	No additional data available.
<b>14:3 – Transport Hazard class (es)</b>	
Road – ADR/RID/ADN	No additional data available.
Sea- IMDG	No additional data available.
Air-IATA	No additional data available.
<b>14:4 - Packaging group</b>	
Road – ADR/RID/ADN	No additional data available.
Sea- IMDG	No additional data available.





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Air -IATA	No additional data available.
<b>14:5 – Environmental hazard</b>	
Environmentally hazardous substance/ marine pollutant.	No hazard label necessary not bound by transport regulations
<b>14:6 - Special precautions for user</b>	
Precautions	See sections 6-8
<b>14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code</b>	
	Not defined

### **15. REGULATORY INFORMATION**

<b>15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.</b>	
EU Directives	Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
<b>15:2 Chemical Safety assessment</b>	
Assessment information	A chemical assessment for this product has not been carried out.



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### 16. OTHER INFORMATION

Revision Date	05.10.2016
Rev No/Repl, SDS Generated	4
Change Description	Updated to new MSDS format
Changes made by	K Tatton
Review Date	05.10.2018
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	None

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