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MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Turkey Red Oil			
Biological Definition		Sulphated Castor Oil 50%			
INCI Name		-			
Synonyms & Trade Names		-			
CAS-No	68187-76-8	EC No.	269-123-7	EINECS No.	269-123-7
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data					
1.3 Details of the supplier of the safety data sheet					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
No additional data	
Classification (EC 1272/2008)	
Eye Irritant 2 – H319 Causes serious eye irritation.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	

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Signal Word	Warning
Contains	No additional data
Hazard Statements	
H319 – Causes serious skin irritation	
Precautionary Statements	
P264 – Wash skin thoroughly after handling P280 – Wear protective gloves/protective clothing/eye protection/face protection P305/P351/P338 – IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P337/P313 – If eye irritation persists; Get medical attention	
Supplementary Statements	
No additional data	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	This product is not classified as PBTT/vPvB
Adverse physio-chemical properties	No additional data
Adverse effects on human health	No additional data

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
<u>30 – 50% Castor Oil, Sulphate, Sodium Salt</u> CAS: 68187-76-8 Classification: - Eye Irrit. 2 – H319

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove to fresh air immediately. If discomfort occurs/continues, seek medical attention.
Ingestion	Rinse mouth out thoroughly with water. If discomfort occurs/continues, seek medical attention.
Skin Contact	Remove contaminated clothing and wash before reuse. Wash skin with soap and water. If discomfort occurs/continues, seek medical attention.
Eye Contact	Rinse immediately for a minimum of fifteen minutes. Seek medical attention immediately.
4.2 Most important symptoms and effects, both acute and delayed	

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Skin Contact – May be irritation and redness at site of contact.

Eye Contact – May be irritation and redness. Eyes may water profusely. May be severe pain and vision may become blurred. This product coming to contact with eyes may cause permanent damage.

Ingestion – There may be redness or soreness in and around the mouth and throat. Nausea and stomach pains may occur.

Inhalation – There may be irritation of the throat with a tight feeling in the chest.

4.3 Indication of any immediate medical attention and special treatment needed

Eye wash facilities/equipment should be readily available throughout premises.

Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

5.2 Special hazards arising from the product

In the event of combustion this product emits toxic fumes.

5.3 Advice for firefighters

Wear self-contained respiratory equipment and appropriate protective clothing at all times. Cover/Protect skin and eyes.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing. Turn leaking containers leak side up to prevent the escape of liquid.

6.2 Environmental Precautions

Do NOT allow any discharge into drains or rivers. Contain spillage using bunding.

6.3 Methods and material for containment and cleaning up.

Absorb into dry earth or sand. Transfer to tightly sealed, clearly labelled suitable containers for disposal.

6.4 Reference to other sections




Section 13

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07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Do not handle this product without adequate ventilation present. Prevent/Avoid the formation of any mist or vapours in the air. Do not eat, drink or smoke whilst handling this product. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment.
7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area. Protect from direct light including sunlight and freezing. Do not allow the formation or spread of mist. Keep in original packaging. Ensure containers are tightly sealed at all times when not in use and clearly labelled.
7.3 Specific end use(s)
No additional data

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
No additional data
8.2 Exposure controls
Protective Equipment
  
Process Conditions
No additional data
Engineering Measures
Ensure sufficient ventilation throughout all areas. Install eyewash station at suitable points throughout premises.
Respiratory Equipment
Self-contained respiratory equipment must be readily available in the case of emergency.
Hand Protection
Wear appropriate protective gloves at all times whilst handling this product.
Eye Protection
Tightly fitting safety goggles or face shield to prevent any contact with eyes. Eye bath should be close at hand.
Other Protection
No additional data
Hygiene Measures
Good hygiene practices are always recommended, especially when handling oils, chemicals or other similar products.

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Personal Protection	No additional data
Skin Protection	Wear full suitable protective clothing at all times.
Environmental Exposure Controls	No additional data

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Pale Amber
Odour	Characteristic
Relative Density	No additional data
Flash Point (°C)	No additional data
Refractive Index	No additional data
Melting Point (°C)	No additional data
Boiling Point (°C)	100°C
Vapour Pressure	No additional data
Solubility in Water @20°C	Soluble
Auto-ignition temperature (°C)	No additional data
9.2 Other information	
No additional data	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Expected to be stable under normal conditions of transport and storage.	
10.2 Chemical stability	
Expected to be stable under normal conditions.	
10.3 Possible hazardous reactions	
Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.	
10.4 Conditions to Avoid	
Heat	

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10.5 Incompatible materials

Strong Oxidising Agents, Strong Acids

10.6 Hazardous Decomposition Products

In combustion this product emits toxic fumes.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	Route	Species	Test	Value	Units
	Dermal	Rat	LD50	>2000	mg/kg
	Oral	Rat	LD50	>15600	mg/kg
Skin corrosion / irritation	There may be irritation and redness at the site of contact				
Serious eye damage / irritation	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.				
Respiratory or skin sensitisation	There may be irritation of the throat with a feeling of tightness in the chest.				
Germ Cell Mutagenicity	No additional data				
Carcinogenicity	No additional data				
Reproductive toxicity	No additional data				
STOT-single exposure	No additional data				
STOT-repeated exposure	No additional data				
Aspiration hazard	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.				
Photo-toxicity	No additional data				
Other Information	No additional data				

12. ECOLOGICAL INFORMATION

12.1 Toxicity

	Species	Test	Value	Units
	Desmodemus subspicatus	NOELR 10 mg/l	NOELR 10 mg/l	NOELR 10 mg/l
	Desmodemus subspicatus	EL50 140 mg/l	EL50 140 mg/l	EL50 140 mg/l

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	Daphnia magna	NOELR 100 mg/l	NOELR 100 mg/l	NOELR 100 mg/l
	FISH	96H LC50 550 mg/l	96H LC50 550 mg/l	96H LC50 550 mg/l
12.2 Persistence & degradability				
Biodegradable				
12.3 Bioaccumulation Potential				
No bioaccumulation potential				
12.4 Mobility in soil				
Readily absorbed into soil				
12.5 Results of PBT and vPvB Assessment				
This product is not identified as PBT/vPvB				
12.6 Other adverse effects				
Negligible Ecotoxicity				

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
Always dispose of this product in accordance with local and national regulations. Transfer to a suitable container and arrange for collection by specialised disposal company. Containers should be cleaned by appropriate methods and re-used or disposed of by landfill or incineration as appropriate.	

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	This product does not require a classification for transport.
UN No. SEA	This product does not require a classification for transport.
UN No. AIR	This product does not require a classification for transport.
14.2 UN proper shipping name	
This product does not require a classification for transport.	
14.3 Transport hazard class(es)	
This product does not require a classification for transport.	
14.4 Packing group	
This product does not require a classification for transport.	

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14.5 Environmental hazards

This product does not require a classification for transport.

14.6 Special precautions for user

This product does not require a classification for transport.

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

This product does not require a classification for transport.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional data

15.2 Chemical safety assessment

No additional data

16. OTHER INFORMATION

Hazard Statements in Full	H319 - Causes serious eye irritation
Revision Date	07/02/2020
Rev No	2

DISCLAIMER: 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 himself as to the suitability of such information for his own particular use.