



## SAFETY DATA SHEET

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

<b>1.1 Product Identifier</b>					
Product Name		Basil Oil Methyl Chavicol Type.			
Biological Definition		Ocimum Basilicum Oil is the volatile oil obtained from the leaves of the Basil, <i>Ocimum basilicum L., Labiatae.</i>			
INCI Name		Ocimum Basilicum Oil			
Synonyms & Trade Names		Basil Oil Tropical / Basil Oil MC			
CAS-No	84775-71-3	EC No.	283-900-8	EINECS No.	283-900-8
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
Suitable for cosmetic, flavour, fragrance and professional use only.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
<p>Just a Soap            Unit 2 Combs Tannery            Stowmarket            IP14 2EN</p>					
<b>1.4 Tel. No.</b>		+ 44 (0) 1284 848730			

### 02. HAZARD IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
The full text for all hazard statements displayed in section 16.	
Classification (EC 1272/2008)	
Physical hazards: - Not classified. Health hazards: - Acute toxicity, oral Category 4 - (H302) - Skin corrosion/irritation Category 2 - (H315) - Skin sensitization Category 1B - (H317) - Serious eye damage/eye irritation Category 2 - (H319) - Germ cell mutagenicity Category 2 - (H341) - Carcinogenicity Category 2 - (H351) Environmental hazards: - Chronic aquatic toxicity Category 3 – (H412)	
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
GHS08	GHS07



Signal Word	Warning.
Contains	Estragole.
<b>Hazard Statements</b>	
<p>H302 - Harmful if swallowed.  H315 - Causes skin irritation.  H317 - May cause an allergic skin reaction.  H319 - Causes serious eye irritation.  H341 - Suspected of causing genetic defects.  H351 - Suspected of causing cancer.  H412 - Harmful to aquatic life with long lasting effects.</p>	
<b>Precautionary Statements</b>	
<p>P261 - Avoid breathing vapours/spray.  P273 - Avoid release to the environment.  P280 - Wear protective gloves/protective clothing/eye protection/face protection.  P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P308 + P313 - IF exposed or concerned: Get medical advice/attention.  P501 Dispose of contents in accordance with local, state or national legislation.</p>	
<b>Supplementary Precautionary Statements</b>	
P362+P364 Take off contaminated clothing. And wash it before reuse.	
<b>2.3 Other Hazards</b>	
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.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.1 Substance</b>
<p>≤ <b>76.0% Estragole</b>  CAS: 140-67-0  Classification (EC 1272/2008);</p> <ul style="list-style-type: none"> <li>- Acute Tox. 4 - H302</li> <li>- Skin Sens. 1 - H317</li> <li>- Muta. 2 - H341</li> <li>- Carc. 2 - H351</li> </ul>
<p>≤ <b>25.0% Linalool</b>  CAS: 78-70-6  Classification (EC 1272/2008);</p>

- Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Irrit. 2 - H319
<p><b>≤ 1.0% Citral</b>  CAS: 5392-40-5  Classification (EC 1272/2008);</p> <ul style="list-style-type: none"> <li>- Skin Irrit. 2 - H315</li> <li>- Skin Sens. 1B - H317</li> <li>- Eye Irrit. 2 - H319</li> </ul>
<p><b>≤ 0.6% d-Limonene</b>  CAS: 5989-27-5  Classification (EC 1272/2008);</p> <ul style="list-style-type: none"> <li>- Flam. Liq. 3 - H226</li> <li>- Asp. Tox. 1 - H304</li> <li>- Skin Irrit. 2 - H315</li> <li>- Skin Sens. 1 - H317</li> <li>- Aquatic Acute 1 - H400</li> <li>- Aquatic Chronic 1 - H410</li> </ul>
<p><b>≤ 0.5% Methyl Eugenol</b>  CAS: 93-15-2  Classification (EC 1272/2008);</p> <ul style="list-style-type: none"> <li>- Acute Tox. 4 - H302</li> <li>- Muta. 2 - H341</li> <li>- Carc. 2 - H351</li> </ul>
<p><b>≤ 0.1% Eugenol</b>  CAS: 97-53-0  Classification (EC 1272/2008);</p> <ul style="list-style-type: none"> <li>- Skin Sens. 1B - H317</li> <li>- Eye Irrit. 2 - H319</li> </ul>

#### **04. FIRST AID MEASURES**

<b>4.1 Description of first aid measures</b>	
<b>Inhalation</b>	Remove from exposure area to fresh air. Get medical advice/attention.
<b>Ingestion</b>	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
<b>Skin Contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
<b>Eye Contact</b>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
No additional data available.	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
Note to physicians: Treat symptomatically.	

## **05. FIRE-FIGHTING MEASURES**

<b>5.1 Extinguishing Media</b>
Suitable Extinguishing Media: Use CO <sub>2</sub> , dry chemical, or foam.
<b>5.2 Special hazards arising from the product</b>
Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.
<b>5.3 Advice for firefighters</b>
Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## **06. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>
Personal precautions: Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8. Stop leak if you can do it without risk. For emergency responders: Use personal protection recommended in Section 8.
<b>6.2 Environmental Precautions</b>
Collect spillage.
<b>6.3 Methods and material for containment and cleaning up.</b>
Methods for Containment: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Methods for cleaning up: Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.
<b>6.4 Reference to other sections</b>
See sections 4, 7, 8 & 13.

## **07. HANDLING AND STORAGE**

<b>7.1 Precautions for safe handling</b>
Advice on safe handling: Avoid contact with skin, eyes or clothing. Do not breathe vapours/spray. Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8. General hygiene considerations: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>

Storage Conditions:

Protect from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place.

### 7.3 Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No additional data available.

### 8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station. Provide safety showers.
Engineering Measures	Ensure adequate ventilation, especially in confined areas. Provide safety showers and eyewash stations throughout the work area.
Respiratory Equipment	If ventilation is insufficient, respiratory protection must be worn.
Hand Protection	Wear suitable protective gloves.
Eye Protection	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
Other Protection	Suitable protective clothing to avoid skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No information available.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	No information available.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid.
Colour	Light yellow to yellow/brown.
Odour	Characteristic.
Relative Density	Approx. 0.935 @ 20°C
Flash Point (°C)	80°C
Refractive Index	Approx. 1.510 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.

Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
No additional data available.	

## **10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	
No additional information available.	
<b>10.2 Chemical stability</b>	
Stable under recommended storage conditions	
<b>10.3 Possible hazardous reactions</b>	
None under normal processing.	
<b>10.4 Conditions to Avoid</b>	
Extremes of temperature and direct sunlight.	
<b>10.5 Incompatible materials</b>	
Avoid contact with strong acids, alkalis or oxidising agents.	
<b>10.6 Hazardous Decomposition Products</b>	
Not expected under normal temperature conditions and recommended use.	

## **11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Harmful if swallowed. (Calculation method)
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause sensitization by skin contact.
Germ Cell Mutagenicity	Suspected of causing genetic defects.
Carcinogenicity	Suspected of causing cancer.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	Not classified.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## **12. ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>	
Harmful to aquatic life with long lasting effects.	
<b>12.2 Persistence &amp; degradability</b>	

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

No additional data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse container.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

UN No. Road	Not Regulated.
UN No. SEA	Not Regulated.
UN No. AIR	Not Regulated.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Not an environmentally hazardous substance/marine pollutant for transport.

### 14.6 Special precautions for user

None.

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

No additional data available.

## 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**

No additional information available.

**16. OTHER INFORMATION**

Hazard Statements in Full	H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H341 - Suspected of causing genetic defects if inhaled. H351 - Suspected of causing cancer if inhaled. H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects. H412 - Harmful to aquatic life with long lasting effects.
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**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.