

## MATERIAL SAFETY DATA SHEET

### MANUKA OIL

<b>SECTION 1: Identification of the substance/mixture and of the company/undertaking</b>
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#### **1.1 Product Identifier**

Product Name: Manuka Oil

Biological Definition: Leptospermum Scoparium Branch/Leaf Oil is the volatile oil obtained from the leaves and the branches of

Leptospermum scoparium, Myrtaceae

INCI Name: Leptospermum Scoparium Branch/Leaf Oil

Synonyms & Trade Names: N/A

CAS-No.: 223749-44-8

EC No.: N/A

EINECS No.: N/A

#### **1.2 Details of the supplier of the safety data sheet**

Company Identification

G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: [info@baldwins.co.uk](mailto:info@baldwins.co.uk)

Web: [www.baldwins.co.uk](http://www.baldwins.co.uk)

### 1.3. Emergency telephone number

Emergency tel: +44 (0) 207 703 5550  
(office hours only)

<b>SECTION 2: Hazards identification</b>
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#### 2.1 Classification of the substance or mixture

Classification (67/548/EEC)

Not classified

Classification (EU 1272/2008)

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

#### 2.2 Label elements

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

GHS Label: GHS07

Signal word: Warning

Contains: N/A

Hazard Statements:

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary Statements:

P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P264 Wash contaminated skin thoroughly after handling  
P332+313 If skin irritation occurs: Get medical advice/attention.  
P501 Dispose of contents/container to ...

### Supplementary Precautionary

#### Statements:

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 Get medical advice/attention.  
P330 Rinse mouth.  
P337 If eye irritation persists:  
P362 Take off contaminated clothing and wash before reuse.  
P321 Specific treatment (see medical advice on this label).

## 2.3 Other hazards

Adverse physio-chemical properties: Combustible but should not self-ignite,  
Adverse effects on human health: Not recorded

<b>SECTION 3: Composition/information on ingredients</b>
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### 3.1 Substances

Leptospermum Scoparium Branch/Leaf Oil Cas No: 223749-44-8

### 3.2 Mixtures

EU INCI: N/A

US INCI: N/A

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

#### **General Information**

See categories below

#### **Inhalation**

No specific measures. Provide fresh air. Seek medical attention if discomfort occurs.

#### **Ingestion**

Rinse mouth with plenty of water. Do not induce vomiting. Seek medical attention.

#### **Skin Contact**

Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.

#### **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 immediately. Continue to rinse.

### **4.2 Most important symptoms and effects, both acute and delayed**

N/A

### **4.3 Indication of any immediate medical attention and special treatment needed**

N/A

## **SECTION 5: Fire fighting measures**

### **5.1 Extinguishing Media**

Use CO<sub>2</sub>, Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

### **5.2 Special hazards arising from the substance or mixture.**

In case of fire; Carbon Monoxide and Carbon Dioxide may be produced.

### **5.3 Advice for fire-fighters**

Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions**

Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.

### **6.2 Environmental precautions**

Do not discharge directly into drains or soil. Keep away from surface and ground water.

### **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.

### **6.4 References to other sections.**

Please refer to Section 8 – Exposure controls/personal protection for further information on personal precautions

Please refer to Section 13 – Disposal Considerations for further information on waste treatment.

## **SECTION 7: Handling and Storage**

### **7.1 Precautions for safe handling**

Use in accordance with good industrial / laboratory procedures. Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

### **7.2 Conditions for safe storage, including any incompatibilities**

Intrusion into soil to be avoided. Store the product in cool (max. room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

### **7.3 Specific end use(s)**

N/A

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control Parameters**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### **8.2 Exposure Controls**

Eye protection: Wear approved safety glasses.

Hand protection: Wear protective (chemical resistant) gloves.

Respiratory Equipment: No special measures required providing good ventilation is maintained.

Hygiene Measures: Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Engineering Measures: Ensure good ventilation of working area.

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance: Mobile oily liquid

Colour: Yellow to yellow brown

Odour: Characteristic manuka, aromatic

Relative Density

0.954 - 0.984 @ 20°C

Flash Point (°C)

98

Refractive Index

1.492 - 1.512 @ 20°C

Melting Point (°C)

No additional data available.

Boiling Point (°C)

200

Vapour Pressure

No additional data available.

Solubility in Water @20°C

No additional data available

Auto-ignition temperature (°C)

No additional data available.

## 9.2 Other information

N/A

<b>SECTION 10: Stability and reactivity</b>
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### 10.1 Reactivity

It presents no significant reactivity hazards, by itself or in contact with water.

### **10.2 Chemical stability**

Stable under normal temperature conditions.

### **10.3 Possibility of hazardous reactions**

None under normal use conditions.

### **10.4 Conditions to avoid**

Avoid storage temperatures above 25°C

### **10.5 Incompatible materials**

Avoid contact with strong acids, alkalis and oxidising agents.

### **10.6 Hazardous decomposition products**

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

<b>SECTION II: Toxicological information</b>
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### **II.1 Information on toxicological effects.**

Acute toxicity: No additional data available

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

Other information: No additional data available



<b>SECTION 12: Ecological information</b>
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**12.1 Toxicity**

Not classified

**12.2 Persistence and degradability**

No additional data available.

**12.3 Bio-accumulative 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**

N/A

<b>SECTION 13: Disposal considerations</b>
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**13.1 Waste Treatment Methods**

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

<b>SECTION 14: Transport information</b>
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Warning Icon: Not classified

Proper Shipping Name: Not applicable

UN No. Road: Not classified

ADR Class: Not classified

Hazard No (ADR): Not classified

Hazchem Code: Not ascribed  
UN No. SEA: Not classified  
IMDG Class: Not classified  
IMDG Pack Gr.: Not classified  
EMS: Not classified  
UN No. AIR: Not classified  
Air Class: Not classified  
Air Pack Gr.: Not classified

<b>SECTION 15: Regulatory information</b>
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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Directives

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th 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) No 1488/94 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.

### **15.2 Chemical safety assessment**

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

<b>SECTION 16: Other information</b>
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Training instructions: Refer to possible hazard before use of this product.

Abbreviations and acronyms:

MSDS

Material Safety Data Sheet

INCI

International Nomenclature of Cosmetic Ingredients

CAS

Chemical Abstract Service

IMDG

International Maritime Code for Dangerous Goods

ADR

Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning  
the International Carriage of Dangerous Goods by Road)

RID

International Carriage of Dangerous Goods by Rail

ICAO

International Civil Aviation Organization

ADN

International Carriage of Dangerous Goods by Inland Waterways

GHS

Globally Harmonized System of Classification and Labelling of Chemicals

Trem Card

Transport Emergency Card

STOT

Specific Target Organ Toxicity

N/A

Not Available

Complies with REACH guidance for SDS as circulated by ECHA 2011.

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