






# Safety Data Sheet

## Nature's Essence

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

Product Name	Frankincense oil B.Carterii				
Biological Definition	Volatile essential oil obtained from the dried, ground gum of the olibanum, <i>Boswellia carterii</i> , Burseraceae				
INCI Name	Boswellia Carterii Gum Oil				
Synonyms & Trades Names	Olibanum oil				
Supplier	Oils4life Limited, 26 Blake Drive, Bradwell, Great Yarmouth, Norfolk, NR31 9GW. Emergency Tel No: 01493 600045				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	2816	FDA No.	---	CoE No.	---
CAS-No	89957-98-2	EC No.	289-620-2	EINECS No.	289-620-2

### 02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xn+N; R10-38-43-51/53-65, S24-37-57-61-60				
Classification (EC 1272/2008)	UN-GHS: FL 3, AH 1, SCI 2, SS 1B, EH A2,C2 EU-CLP: FL 3, AH 1, SCI 2, SS 1B, EH A2,C2				
Label in accordance with (EC) No 1272/2008	    GHS02      GHS07 GHS09				
Signal Word	WARNING				
Contains	Alpha-pinene, L-Beta-pinene, (R)-P-Mentha-1,8-Diene				
Hazard Statements	H226 Flammable liquid & vapour H315 Causes skin irritation H317 May cause an allergic skin reaction H411 Toxic to aquatic life with long lasting effects.				
Precautionary Statements	P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection.				



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	P321 Specific treatment (see label) P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse.
Supplementary Precautionary Statements	P391 Collect spillage
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	Combustible but should not self-ignite
Adverse effects on human health	May cause sensitisation by skin contact.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

25% to 50% Alpha-pinene X CAS: 80-56-8 EC: 201-291-9 UN-GHS08, GHS02, GHS07 AT1, FL3, SCI2, SS1B
10 to 25% L-Beta-Pinene CAS: 18172-67-3 EC: 242-060-2 80-56-8 UN-GHS08, GHS02, GHS07, AT1, FL3, SCI2, SS1B
10 to 25% (R)-P-Mentha-1,8-Diene CAS: 5989-27-5 EC: 227-813-5 UN-GHS02, GHS07, GHS09, FL3, SCI 2; SS 1; AA1, AC1
10 to 25% para-Cymene CAS: 99-87-6 EC: 202-796-7 UN-GHS08, GHS02, GHS09. AT1, FL3 AC2
2.5 to 10% Beta-Caryophyllene CAS: 87-44-5 EC: 201-746-1 UN-GHS08: AT1
2.5 to 10% Myrcene CAS: 123-35-3 EC: 204-622-5 UN-GHS08, GHS02, GHS07. AT1, EI2, FL3, SCI2

### 04. FIRST AID MEASURES

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately. Do not force vomiting.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage. Consult a doctor if skin contamination is widespread.
Eye Contact	Flush with plenty of water holding the eyelids open and seek medical advice if necessary.

### 05. FIRE-FIGHTING MEASURES

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.
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Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours. A fire will often produce thick black smoke. Do not breath in smoke
Specific Hazards	In the event of a fire the following may be formed Carbon Monoxide Carbon Dioxide
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray



### 06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Contain and control leaks or spills. Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

### 07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Individuals with history of skin sensitisation should not handle this mixture.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

### 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	   <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Goggles</span> <span>Gloves</span> </div>
Engineering Measures	Avoid static discharges in working area
Respiratory Equipment	Avoid breathing product vapour. Apply local ventilation where possible.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	Ensure good ventilation of the working area



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Hygiene Measures	Wash hands with soap & water after handling.
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### 09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Pale yellow to yellow
Odour	Characteristic - Strongly diffusive, terpencey almost like green lemon, with sweet woody balsamic undertone.
Relative Density	0.860 to 0.895 @ 20°C
Flash Point (°C)	35°C
Refractive Index	1.440 to 1.480 @ 20°C (lit.)
Melting Point (°C)	Not specified
Boiling Point (°C)	175 to 300 kPa
Vapour Pressure	Not specified
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	Not specified

### 10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C. Avoid apparatus likely to produce a flame or have a metallic surface at high temperatures.
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

### 11. TOXOLOGICAL INFORMATION

Acute Toxicity	Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Para-Cymene LD50 = 4750 mg/kg Alpha-Pinene X LD50 = 3500 mg/kg
Skin corrosion/irritation	Hazard Category 2 under EC 1272/2008 guidelines
Serious eye damage/irritation	Not categorised under EC 1272/2008 guidelines



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Respiratory or skin sensitisation	Hazard Category 1 under EC 1272/2008 guidelines
Germ Cell Mutagenicity	Not classified as mutagenic by any authority
Carcinogenicity	Not classified as carcinogenic by any authority
Reproductive toxicity	Not classified as reprotoxic
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	Hazard Category 1 under EC 1272/2008 guidelines.
Photo-toxicity	Not regarded as photo-toxic
Other Information	None



### 12. ECOLOGICAL INFORMATION

Ecotoxicity	Aquatic hazard, acute, category 2, aquatic hazard, chronic, category 2 under EC 1272/2008 guidelines.
Mobility	No additional data available
Persistence & Biodegradability	No additional data available
Bioaccumulation Potential	No additional data available
PBT Assessment Results	No additional data available
Precautions	Do not discharge into the environment, especially not into waterways, sewers and the sea.

### 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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### 14. TRANSPORT INFORMATION

Warning Icon	 
Proper Shipping Name	PERFUMERY PRODUCTS
UN No.Road	UN 1266



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ADR Class	Class 3 Packaging Group III
Hazard No (ADR)	30
Hazchem Code	F1
UN No. SEA	UN 1266
IMDG Class	Class 3
IMDG Pack Gr.	Pk Gp III
EMS	F-E, S-D
UN No. AIR	UN 1266
Air Class	Class 3
Air Pack Gr.	Pk Gp III

#### 15. REGULATORY INFORMATION

EU Directives	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) 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.

#### 16. OTHER INFORMATION

Revision Date	05/2015
Rev No/Repl, SDS Generated	1



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Risk Phrases in Full	<p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R43 May cause sensitisation by skin contact</p> <p>R10 Flammable</p> <p>R38 Irritating to skin</p> <p>R65 Harmful: May cause lung damage if swallowed</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>Safety Phrases:</p> <p>S24 Avoid contact with skin</p> <p>S37 Wear suitable gloves</p> <p>S61 Avoid release to the environment. Refer to special instructions/Safety data sheets S60 This material and its container must be disposed of as hazardous waste.</p> <p>S57 Use appropriate container to avoid environmental contamination.</p>
Hazard Statements in Full	<p>H226 Flammable liquid &amp; vapour</p> <p>H304 May be fatal if swallowed and enters airways</p> <p>H315 Causes skin irritation</p> <p>H317 May cause an allergic skin reaction</p> <p>H319 Causes serious eye irritation.</p> <p>H400 Very toxic to aquatic life</p> <p>H410 Very toxic to aquatic life with long lasting effects</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

**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.