

## OPOPONAX ESSENTIAL OIL

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.

### 1.0 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Opoponax Essential Oil

**Botanical Name:** *Commiphora guidottii* Chiov. ex Guid

**INCI Name:** *Commiphora guidottii* Essential Oil

**Synonyms and Trade Names:** Opoponax Oil, Opoponax Essential Oil, Hagar Oi, Hagar Essential Oil, Sweet-myrrh Essential Oil, Sweet-myrrh Oil, Bisabol-myrrh Oil, Bisabol-myrrh Essential Oil.

**Product Description:** 100% Essential Oil of Opoponax Essential Oil obtained from the hydrodistillation of the resin of *Commiphora guidottii* Chiov. ex Guid.

**Country of Origin:** Somali Region of Ethiopia

**Product Use:** Personal Care Formulations. Aromatherapy. Fragrance and Flavour. Insect Repellents. Agrochemistry.

**CAS Number:** 8021-36-1

**Manufacturer & Supplier:** Carfan Essentials Limited

### 2.0 HAZARD(S) IDENTIFICATION

#### 2.1 Hazard Classifications

Classification (1999/45): Xn &Xi; R38, R62; S62

Classification (EC 1272/2008): UN-GHS: FL 4, AH 1; SCI 2, EDI 2A, EH A2; C2

#### 2.2 Labelling (EC 1272/2008) and Signal Word



Signal Word: Danger.

### 2.3 Major Constituents

100% Essential Oil of Opoponax.

### 2.4 Hazard Statements

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

### 2.5 Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose contents and the container in accordance with local and or regional regulations.

### 2.6 Risk Statements

R36/38 Irritating to eyes/skin.

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

## 2.7 PBT or vPvB

No data available

## 3.0 MAJOR INGREDIENT INFORMATION

100% Essential Oil of Opoponax.

## 4.0 FIRST AID MEASURES

**Inhalation:** Remove from exposure area to fresh air. Contact a doctor if necessary.

**Ingestion:** Wash mouth out with water and obtain medical advice immediately.

**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.

**Eye Contact:** Flush with plenty of water and seek medical advice if necessary.

## 5.0 FIRE FIGHTING MEASURES

**Extinguishing Media:** Carbon dioxide, Foam and Dry Powder Fire Extinguishers. Do not use direct water jet on burning material.

**Special Fire Fighting Procedures:** Wear protective clothing. Avoid inhalation of vapours.

**Specific Hazards:** The fumes may be toxic or contain hazardous vapour, especially in enclosed spaces. The hazardous vapour may contain vapourised opoponax oil which is very irritating to the eyes and throat, or poisonous oxides of carbon.

**Protective Measures:** In fire, closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6.0 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Maintain good occupational and personal hygiene. Avoid contact with skin and eyes. Do not inhale any vapourised oil.

**Environmental Precautions:** 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 local laws and regulations.

## 7.0 HANDLING AND STORAGE

**Usage Precautions:** Apply good manufacturing and industrial hygiene practices by ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink, or smoke whilst handling.

**Storage Precautions:** Store in tightly closed original container, in a cool, dry, and ventilated area away from heat sources and protected from light. Keep air contact with the oil to a minimum, especially during long-term storage. A combination of water, air and certain metals may accelerate oil degradation. Prolonged exposure to light may cause polymerization, colour change and loss of fragrance intensity.

## 8.0 EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

**PPE:** Gloves, Safety Goggles

**Engineering Measures:** Ensure good ventilation of working area.

**Respiratory Equipment:** As required. Avoid breathing product vapour.

**Hand Protection:** Avoid all skin contact. Use chemically resistant gloves if required.

**Eye Protection:** Use safety glasses.

**Other Protection(s):** As required.

**Hygiene Measures:** Wash hands with soap & water after handling.

## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Mobile Liquid at room temperature and pressure.

**Colour:** Colourless to pale yellow

**Odour:** characteristic

**Relative Density:** Not performed.

**Flash Point (°C):** Not performed.

**Refractive Index:** Not performed.

**Flash Point (°C):** Not performed.

**Auto-ignition temperature (°C):** Not performed.

**Solubility in Water @20°C:** Practically Insoluble

## 10.0 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.

**Materials to Avoid:** Avoid contact with strong acids, alkalis and oxidising agents, and prolonged exposure to air. Avoid storage in plastic containers for a long time.

**Hazardous Decomposition Products:** Liable to cause smoke and acrid fumes during combustion or heating. Oxides formed may include carbon monoxide, carbon dioxide and other non-identified organic compounds depending on the combustion conditions and age of oil.

## 11.0 TOXOLOGICAL INFORMATION

**Acute Toxicity:** No data available

**Chronic Toxicity:** May cause allergic reactions to the skin.

**Skin Irritation:** Skin Irritation Category 2 under EC 1272/2008.

**Eye Irritation Eye:** Irritation Category 2 under EC 1272/2008.

**Respiratory or Skin Sensitisation:** Skin sensitisation Category 1B under 1272/2008.

**Mutagenicity:** Not listed as mutagenic.

**Carcinogenicity:** Not listed as carcinogenic.

**Reproductive Toxicity:** Not listed as reprotoxicant.

**STOT-Single Exposure:** No additional data available.

**STOT-Repeated Exposure:** No additional data available.

**Aspiration Hazard:** No additional data available

**Phototoxicity:** May be phototoxic.

## 12.0 ECOLOGICAL INFORMATION

**Ecotoxicity:** No Additional Data available.

**Persistence & Biodegradability:** No additional data available

Bioaccumulation Potential: No additional data available.

PBT Assessment Results: No additional data available.

Precautions: Avoid discharge into the environment especially onto soil, waterways and the sea.

## 13.0 DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

Proper Shipping Name: Not Applicable.

UN No. Road Not Applicable.

ADR Class Not Applicable.

Hazard No (ADR) Not Applicable

Hazchem Code Not Applicable

UN No. Not Applicable.

IMDG Not Applicable.

IMDG Not Applicable.

EMS Not Applicable

UN No. Not Applicable.

Air Class Not Applicable.

Air Pack Not Applicable.

## **15.0 REGULATORY INFORMATION**

### **15.1 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.

### **15.2 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.

## **16.0 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.