



# Essential Oils, Skincare & Aromatherapy Products

## SAFETY DATA SHEET

### **1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME: **Myrrh Essential Oil**

SUPPLIER: Celtic Tree Oils, Carlingford, Co. Louth, Ireland, A91 D86V

PRODUCT NUMBER: **36**

CAS NUMBER: 84929-26-0

EC NUMBER: 284-510-0

INCI: Commiphora Myrrha Oil

IDENTIFIED USES: Suitable for cosmetic, flavour, fragrance and professional applications only.

BIOLOGICAL DEFINITION: Commiphora Myrrha Oil is the volatile oil obtained by the steam distillation of the Myrrh, Commiphora myrrha, Burseraceae.

### **2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

#### **CLASSIFICATION (EC 1272/2008):**

- PHYSICAL HAZARDS: This mixture does not present a physical hazard
- HEALTH HAZARDS: Acute oral toxicity, Category 4 (Acute Tox. 4, H302).
- ENVIRONMENTAL HAZARDS: This mixture does not present an environmental hazard.

#### **LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENTS:

PBT OR vPvB ACCORDING TO ANNEX

XIII:

ADVERSE PHYSIO-CHEMICAL

PROPERTIES:

WARNING

H302 Harmful if swallowed.

P264 Wash with water and soap thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents/container to waste disposal facility licensed.

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

No additional data available.

ADVERSE EFFECTS ON HUMAN HEALTH: The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH:  
<http://echa.europa.eu/fr/candidate-list-table>.

### **3: COMPOSITION/INFORMATION ON INGREDIENTS**

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#### **100% MYRRH OIL (C. MYRRHA)**

CAS NUMBER: 8016-37-3

EC NUMBER: 284-510-0

CLASSIFICATION (EC 1272/2008):

Acute Tox. 4, H302

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### **4: FIRST AID MEASURES**

INHALATION:	Remove victim immediately from source of exposure. Get medical attention.
INGESTION:	Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Get 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. Continue to rinse.
GENERAL INFORMATION:	No additional data available.
NOTES FOR THE DOCTOR:	No additional data available.

### **5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide (CO <sub>2</sub> ). Powder. Water spray
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> )
ADVICE FOR FIREFIGHTERS:	Do not allow spillage into drains or waterways. Wear full protective clothing.

### **6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and eyes. Maintain adequate ventilation in the working area after spilling.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground.

CLEANING UP METHODS FOR SPILLAGES:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site with detergent after material pickup is complete. Do not use solvents. Dispose of in accordance with current laws and regulations.

**7: HANDLING AND STORAGE**

USAGE PRECAUTIONS:

Prevent access by unauthorised personnel.

OCCUPATIONAL HYGIENE:

Always wash hands after handling. Remove and wash contaminated clothing before re-using. No smoking, eating or drinking in areas where the mixture is used.

STORAGE PRECAUTIONS:

Keep product well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light. Keep away from food, drink and animal feeding stuffs.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

CONTROL PARAMETERS:

No additional data available.

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

Wear suitable respiratory equipment.

HAND PROTECTION

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required. Recommended properties: Impervious gloves in accordance with standard EN374

EYE PROTECTION

Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

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

PERSONAL PROTECTION

Avoid inhalation and contact with skin and eyes. Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.

SKIN PROTECTION	Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
ENVIRONMENTAL EXPOSURE CONTROLS	Avoid discharging into drainage water. Only eliminate by authorised companies.
PROCESS CONDITIONS	Provide eyewash station.
ENGINEERING MEASURES	Provide adequate ventilation.

## **9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Liquid amber yellow to brown yellow often with greenish tinge.
COLOUR:	Amber yellow to brown yellow often with greenish tinge.
ODOUR:	Characteristic, balsamic spicy.
RELATIVE DENSITY:	Approx. 0.995 @ 20°C
FLASH POINT (°C):	> 100
REFRACTIVE INDEX:	Approx. 1.507 @ 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:	No additional data available.
AUTO-IGNITION TEMPERATURE (°C):	No additional data available.

## **10: STABILITY AND REACTIVITY**

REACTIVITY:	Stable under the recommended handling and storage conditions.
CHEMICAL STABILITY:	Stable under the recommended handling and storage conditions.
POSSIBLE HAZARDOUS REACTIONS:	No additional data available.
CONDITIONS TO AVOID:	No additional data available.
INCOMPATIBLE MATERIALS:	No additional data available.
HAZARDOUS DECOMPOSITION PRODUCTS:	The thermal decomposition may release/form carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ).

## **11: TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:	Harmful if swallowed. MYRRH OIL (C. MYRRHA) (CAS No: 8016-37-3) Oral route: LD50 = 1650 mg/kg. Species: Rat
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.
PHOTO-TOXICITY:	No additional data available.
OTHER INFORMATION:	No additional data available.

## **12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	No additional data available.
PERSISTENCE AND DEGRADABILITY:	No additional data available.
BIOACCUMULATIVE POTENTIAL:	No additional data available
MOBILITY IN SOIL:	No additional data available
RESULTS OF PBT AND VPVB ASSESSMENT:	No additional data available
PRECAUTIONS:	Do not allow product to enter streams, sewers or other waterways.

## **13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Dispose of in compliance with all local and national regulations. Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC. <b>Waste:</b> Do not pour into drains or waterways. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. <b>Soiled packaging:</b> Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.
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## **14: TRANSPORT INFORMATION**

UN No. ROAD:	Not regulated for transport.
PROPER SHIPPING NAME:	Not regulated for transport.
TRANSPORT HAZARD CLASS(ES):	Not regulated for transport.
PACKING GROUP:	Not regulated for transport.
ENVIRONMENTAL HAZARDS:	None.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	No additional data available.

## **15: REGULATORY INFORMATION**

### STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

### 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.

### GUIDANCE:

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## **16: OTHER INFORMATION**

### HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL:

H302 Harmful if swallowed.

### Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.  
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.