

# MATERIAL SAFETY DATA SHEET.

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Bog Myrtle Oil**

SUPPLIER: Norfolk Trading, 1 Rigby's Court, Norwich, NR2 1NT UK

Telephone +44 (0)1603 610883.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: By steam distillation of the blossoms, leaves and twigs of *Myrtus communis* ( Fam. Myrtaceae)

H-No: 3301.29

CAS No: 84082-67-7

Status: natural

CoE No: 300

FEMA: N/A

Additives: none

FDA: N/A

IFRA: not restricted

Application: N/A

RIFM: monograph

EINECS: 282-012-8

RTECS: N/A

INCI name: Myrtus communis

FCCIV: N/A

## 3. HAZARDS IDENTIFICATION:

Xn Harmful

R10 Flammable

## 4. FIRST-AID MEASURES:

INHALATION:

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT:

Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT:

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION:

Rinse mouth out with water. Seek medical advice **immediately**.

OTHER:

When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA

RECOMMENDED:

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.

SPECIAL MEASURES:

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES:

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## **6. ACCIDENTAL RELEASE MEASURES.**

PERSONAL PRECAUTIONS:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
CLEANING UP METHODS FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

## **7. HANDLING & STORAGE.**

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	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.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.**

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

## **9. PHYSICAL & CHEMICAL PROPERTIES.**

COLOUR:	Yellow
APPEARANCE:	Clear, mobile liquid
ODOUR:	Camphoraceous, myrtle-like
FLASH-POINT °C:	45-50
SPECIFIC GRAVITY @ 20°C:	0.8950-0.930
REFRACTIVE INDEX @ 20°C:	1.460-1.480
OPTICAL ROTATION @ 20°C:	+20° to +40°
SOLUBILITY IN 80% ETHANLOL @ 25°C:	1 in 5

## **10. STABILITY & REACTIVITY.**

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## **11. TOXICOLOGICAL INFORMATION.**

Found to be non-irritating, non-sensitising and non-phototoxic: See RIFM monograph (1983) *FCT*, 21,869.

## **12. ECOLOGICAL INFORMATION.**

BIODEGRADABILITY: Data not available  
PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

## **13. DISPOSAL CONSIDERATIONS.**

Avoid disposing to drainage systems and into the environment. Seek expert advice.

## **14. TRANSPORT REGULATIONS.**

ROAD (ADR/RID): Class 3 Item 31/c RID No 301; ADR RN N/2301  
AIR (IATA/ICAO): Class 3 Packing group III  
SEA (IMDG): 3036-1 Class 3  
CHIP: See Section 15.

## **15. REGULATORY INFORMATION.** According to Directive 88/379/EEC

HAZARDS: Harmful  
SYMBOLS: Xn  
RISK PHRASES: R10 Flammable liquid  
R65 If ingested can reach the lungs and cause lung damage  
SAFETY PHRASES: S62 If ingested do not induce vomiting. Seek medical help immediately and show label or container.

## **16. OTHER INFORMATION.**

UN 1169: Applies

### **PACKAGING:**

<b>Type</b>	<b>Suitability</b>
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

### **SHELF-LIFE**

Min 12 months when stored within advised conditions.

### **Q.C. REQUIREMENTS.**

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

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