

## **MATERIAL SAFETY DATA SHEET**

### **EUCALYPTUS OIL 80/85**

#### **SECTION 1: PRODUCT IDENTIFICATION & COMPANY INFORMATION**

Product Name:	Eucalyptus Oil 80/85
Uses:	Flavours & fragrances
Company:	Busby Oils Natal Unit 15 Campsdrift Park Pietermaritzburg, KZN
Telephone / Fax:	+ 27 33 343 1767
Emergency telephone number for company / authorized advisory centre:	+ 27 33 343 1767

#### **SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical characterization: Cineol 1.8

Cas No: 8000-48-4

#### **SECTION 3: HAZARD IDENTIFICATION**

##### **RISK ADVICE TO MAN / ENVIRONMENT:**

- Dangerous goods class 3.
- Packing Group III.
- Primary hazard – flammability and toxicity.
- Prevent spills from entering water ways.
- Stable under normal conditions.
- No special fire or explosion measures.
- Contain spills with inert, non-combustible absorbent material e.g sand.
- Remove all potential sources of ignition.

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

General Advice:	Never give anything by mouth to an unconscious person.
Skin Contact:	Wash with soap and water. If irritation persists seek medical attention.
Eye Contact:	Flush eyes with plenty of water for 15 minutes with lids open. If irritation persists seek medical attention.
Ingestion:	Rinse mouth with water and drink up to 200ml of water. Do not induce vomiting. If a person vomits when lying on his back, place him in recovery position. Never give anything by mouth to an unconscious person.
Inhalation:	Remove casualty to fresh air, remove any contaminated clothing. Seek medical attention if breathing difficulty persists.
Symptoms:	If inhaled or swallowed symptoms can include nausea, vomiting and diarrhea. In serious cases, respiratory stridor, miosis, delirium, and convulsions may result.
Doctor Advice:	Treat symptomatically.

#### **SECTION 5: FIRE FIGHTING MEASURES**

Flammability:	Moderate fire hazard when exposed to heat and flame. If necessary, use foam, dry agent or fine water spray. Do not use direct water jet. Fire fighters to use breathing apparatus if risk of exposure to vapour or in the case of fire.
Suitable extinguishing media:	Use water spray, alcohol resistant foam, dry chemical or Carbon Dioxide.
Extinguishing media not to be used:	High volume water jet.
Specific hazards during fire fighting:	Do not use solid water stream as it may scatter and spread fire.
Special protective equipment:	In the event of fire, wear self-contained breathing apparatus.
Further information:	In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers.

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

Personal precautions:	Keep people away from and upwind of spill / leak. Ensure adequate ventilation.
Environmental precautions:	Do not let spills enter water ways.
Methods for cleaning up:	Dam up. Wipe up with absorbent material (e.g cloth / fleece). Sweep up or vacuum up spillage and collect in suitable container for disposal.
Additional Advice:	Suppress gases/vapours/mists with a water spray jet.

#### **SECTION 7: HANDLING & STORAGE**

**HANDLING:** Ensure that all possible sources of ignition are shut-off and that personnel wear protective equipment to protect against inhalation and eye & skin contact. Provide ventilation and clean up immediately using sand, soil or other absorbent material, to avoid run-off into drains and waterways. Incinerate contaminated waste or scrap in a suitable container. Do not smoke when working with material.

**STORAGE:**

Requirements for storage: Store in original container. Do not store in heat or direct sunlight. Keep in a dry cool place.

#### **SECTION 8: EXPOSURE CONTROLS**

Respiratory protection:	Not required, except in case of aerosol formation.
Hand protection:	Wear chemical resistant gloves.
Eye protection:	Safety glasses.
Skin & body protection:	Skin should be washed after contact.
Hygiene measures:	Wash hands before breaks and immediately after handling the product. General industrial hygiene practice.
Protective measures:	When working with material, do not eat, drink or smoke. Avoid contact with skin.

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

##### **APPEARANCE:**

Form:	Clear liquid.
Colour:	Colourless to pale yellow.
Odour:	Fresh Camphorous / Typical of Cineol 1.8

##### **SAFETY DATA:**

Flash point:	> 49 Degree C
Refractive Index:	1.457 – 1.460
Relative Density:	0.906 - 0.925
Water Solubility:	Immiscible

#### **SECTION 10: STABILITY AND REACTIVITY**

Hazardous reactions:	No known dangerous reactions under conditions of normal use.
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#### **SECTION 11: TOXICOLOGICAL INFORMATION**

No data is available on the product itself.

#### **SECTION 12: ECOLOGICAL INFORMATION**

No data is available on the product itself.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

PRODUCT:	Where possible recycling is preferred to disposal or incineration. Dispose of in compliance with local regulations.
PACKAGING:	Empty remaining contents. Dispose of as for Product.

#### **SECTION 14: TRANSPORT INFORMATION**

Dangerous goods class 3.

Packing Group III.

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#### **SECTION 15: REGULATORY INFORMATION**

Dangerous goods class 3.

#### **SECTION 16: OTHER INFORMATION**

The information provided herein is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and it is not to be considered a warranty or quality specification.

It is the user's responsibility to apply the information contained herein and to determine safe working conditions. The User assumes full responsibility for any loss, injury, damage or cost resulting from improper use of this product, or use of this product in combination with other products.