BUSBY OILS

SAFETY DATA SHEET

Date: 31 January 2023 | Version: 4 | Revision: 1 February 2026

EUCALYPTUS OIL 80/85

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product Name:	EUCALYPTUS OIL 80/85
Shipping Name:	Extracts Liquid
Chemical characterization:	A natural essential oil consisting primarily of Cineole 1.8, distilled from E.smithii leaf.
Synonyms for Cineole:	Eucalyptol, Epoxy-p-Menthane
CAS No (EU):	91771-68-5
UN No:	1197
IMCO Class:	Class 3
Uses:	Flavours & Fragrances
Hazards:	Flammable
SUPPLIER:	Busby Oils Natal
	Greenhill Estate, No 3A, D534, Hilton, KZN, South Africa
Telephone:	00 27 33 343 1767
Emergency contact: Tel:	00 27 33 343 1767 | Mobile 00 27 83 462 5691

SECTION 2: HAZARDS IDENTIFICATION

WORDS OF WARNING:	DANGER:
PARTICULAR RISKS:	H226 Flammable liquid and vapour. H303 May be harmful if swallowed H304 May be fatal if swallowed and enters airways. H315 Can cause skin irritation. H317 May cause an allergic skin reaction. H401 Toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT PREVENTION:	P210 Keep away from heat, sparks, open flames or hot surfaces. – No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical, ventilating, lighting, communication, equipment. P242 Use only non-sparking tools P243 Take precautionary measures against static discharge. P261 Avoid breathing dust, fume, gas, mist, vapours, spray. P264 Wash parts in contact thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves, protective clothing, eye protection, face protection.

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PRECAUTIONARY STATEMENT RESPONSE:	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P303 + P361 + P 353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. P312 Call a POISON CENTER or doctor if you feel unwell. P321 Specific treatment. P331 Do NOT induce vomiting. P332 + P313 If skin irritation occurs: Get medical advice. P333 + P313 If skin irritation or rash occurs: Get medical advice. P362 Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use CO2 foam, dry chemical for extinction. P391 Collect spillage.

PRECAUTIONARY STATEMENT STORAGE	P403 + P235 Store in well-ventilated place. Keep cool. P405 Store locked up.

PRECAUTIONARY STATEMENT DISPOSAL:	P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

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SECTION 3: COMPOSITION INFORMATION

INGREDIENT CONTRIBUTING TO THE HAZARD	CONTENT
Cineol – 1,8 (CAS : 470-82-6) 1999/45/CE: XI; R10;R43;S24;S37 GHS : ATO 5 (2,480), FL 3, SCI 3, SS 1	80 % - 85%
Limonene (CAS : 138-86-3) 1999/45/CE : N;XN;R10;R38;R43;R50/53;R65;S02;S24;S37;S60;S61;S62 GHS : AH 1, EH-A 1, EH-C 1, FL 3, SCI 2, SS 1	<12%
Pinenes (CAS : 80-56-8(alpha+127-91-3(beta)) 1999/45/CE : N;XI;XN;R10;R38;R43;R50/53;R65;S24;S36/37;S62 GHS : AH 1, ATO 5 (3,500), EH-A 1, EH-C 1, FL 3, SCI 2, SS 1	<11.5%
Gamma terpinene (CAS : 99-85-4) 1999/45/CE : Xn;R10;R65;S62 GHS : AH 1, ATO 5 (3,850), FL 3, SCI 3	<5%
Para cymene (CAS : 99-87-6) 1999/45/CE : N;Xn;R10;R51/53;R65;S61;S62 GHS : AH 1, ATO 5 (4,750), EH – A 2, EH – C 2, FL 3, SCI 3	0.5% - 4%
Terpinolene (CAS : 586-62-9) 1999/45/CE : N;Xn;R43;R50/53;R65;S24;S37;S57;S60;S61;S62 GHS : AH 1, ATO 5 (3,850), EH – A 1, EH-C 1, FL 4, SCI 3, SS 1	<1%

SECTION 4: FIRST-AID MEASURES

INGESTION:	Do not try to vomit. Rinse mouth. Consult a doctor.
EYE CONTACT:	Wash immediately and abundantly rinse eyes with a good running water at low pressure. Consult an ophthalmologist.
SKIN CONTACT:	Wash and rinse thoroughly with clean water.
INHALATION:	Remove victim to fresh air.

SECTION 5: FIRE FIGHTING

EXTINGUISHING MEDIA:	SUITABLE: NON SUITABLE:	CO2 foam, dry chemical Water
SPECIFIC METHODS OF FIRE FIGHTING		None
SPECIAL EQUIPMENT FOR THE PROTECTION OF THE FIRE FIGHTERS:		No

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SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Avoid all contact with eyes and mucous.
ENVIRONNEMENTAL PRECAUTIONS:	Don't dispose of into a sewer or into natural environment.
METHODS FOR CLEANING-UP:	Recover in a tight container. Wash with plenty of water after complete elimination of the product.

SECTION 7: HANDLING & STORAGE

HANDLING:	Avoid contact with eyes and mucous.
STORAGE:	Keep away from humidity in a fresh place. Keep container closed after using.
OTHER:	See Section 8.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Assure good ventilation of work place.
HAND PROTECTION:	Plastic or synthetic rubber impermeable gloves.
EYE PROTECTION:	Goggles giving complete protection to eyes. Eyewash bottle with clean water.
SKIN AND BODY PROTECTION:	Clothes for chemical protection to avoid contact.
INGESTION:	Do not eat, drink and smoke while using.
INDUSTRIAL HYGIENE:	Provide an extraction or global ventilation of the work place to reduce concentrations of vapour.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical Form:	Mobile Liquid
Colour:	Colourless to pale yellow
Odour:	Aromatic and camphoraceous
Taste:	Pungent and camphoraceous followed by sensation of cold
Specific Gravity (20 C):	0.906 to 0.925
Refractive Index (20 C):	1.458 to 1.470
Optical rotation (20 C):	0 to +10
Solubility in Water:	Insoluble
Solubility in Alcohol:	Soluble (1:1.2 to 1.6 v/v in 75% ethanol)
Boiling point:	176°C
Flash Point:	49°C

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SECTION 10: STABILITY & REACTIVITY

REACTIVITY:	No data available.
CHEMICAL STABILITY:	No data available.
POSSIBILITY OF HAZARDOUS REACTION:	None in normal conditions.
CONDITIONS TO AVOID:	Excessive heat.
INCOMPATIBLE MATERIALS:	Strongly oxidising and reducing agents.
HAZARDOUS COMPOSITION PRODUCTS:	None in normal conditions.
OTHERS:	None.

SECTION 11: TOXICOLOGICAL INFORMATION

INGESTION:	Acute toxicity, oral Dl50 (MG/Kg) : 4,400
SKIN CONTACT:	Can induce irritations.
EYE CONTACT:	Can induce irritations.
INHALATION:	No specific hazard in normal use.
ASPIRATION:	Aspiration hazard.
SPECIFIC EFFECTS:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY:	See Section 2
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	No information available.
WGK:	2
OTHER ADVERSE EFFECTS:	Not known.

SECTION 13: DISPOSAL CONSIDERATION

To comply with local regulations. Do not dispose of into natural environment. Packaging must be well emptied.

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SECTION 14: TRANSPORT INFORMATION MEASURES

PROPER SHIPPING NAME:	**EXTRACTS LIQUID**
RID / ADR	
CLASS:	3
UN NUMBER:	UN 1197
PACKING GROUP:	III
TUNNEL CODE:	(D/E)
IMCO / IMDG	
CLASS:	3
UN NUMBER:	UN 1197
PACKING GROUP:	III
EmFS:	F-E, S-D
OACI / IATA	
CLASS:	3
UN NUMBER:	UN 1197
PACKING GROUP:	III
TRAVELLER AIRPLANE PACKING INSTRUCTION:	355
TRAVELLER AIRPLANE MAXIMUM QUANTITY	60 L
CARGO AIRPLANE PACKING INSTRUCTION	366
CARGO AIRPLANE MAXIMUM QUANTITY	220 L

SECTION 15: REGULATORY INFORMATION

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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.