



MATERIAL SAFETY DATA SHEET
According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

1.1 PRODUCT IDENTIFIER

Product Name	Clove Leaf Essential Oil
Biological Definition	Eugenia Caryophyllus Leaf Oil is an essential oil steam-distilled from the leaves of the Clove, Eugenia caryophyllus, Myrtaceae
INCI Name	Eugenia Caryophyllus Leaf Oil
Synonyms & Trade Names	-
Internal Product Code	TCDL-CESS-BOWL-NCLL
CAS Number	8015-97-2 / 8000-34-8 / 84961-50-2
EC Number	284-638-7
EINECS Number	284-638-7
REACH Status	Exempt <1T PA

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
Emergency Telephone Number	01376 560 348



SECTION 2: HAZARD IDENTIFICATION



2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The full text for all hazard statements are displayed in Sec.16

Classification (EU 1272/2008)	AH 1 Aspiration hazard, category 1 SS 1 Skin sensitisation, category 1 ED1 2 Eye damage/irritation, category 2
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2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	  GHS07 GHS08
Signal word:	Danger
Contains	Contains Eugenol which may produce an allergic reaction
Hazard Statements:	H304 May be fatal if swallowed and enters airways H317 May cause an allergic skin reaction H319 Causes serious eye irritation
Precautionary Statements:	P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves and eye protection P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P305+P351+P338 P331 Do NOT induce vomiting.
Supplementary Precautionary Statements:	None

2.3 OTHER HAZARDS

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

85% Eugenol CAS 97-53-0 EINECS 202-589-1 ED1 2;SS 1B, H317, H319

10% Caryophyllene CAS 87-44-5 EINECS 201-746-1 AH 1 H304

03% Eugenol Acetate CAS 93-28-7 EINECS 202-235-6 ATO 4(1670) H302



SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove from the exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth with plenty of 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.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

No additional data available.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No additional data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Carbon dioxide, foam or dry powder
DO NOT USE A DIRECT WATER JET.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

May produce Carbon dioxide and unidentified organic compounds.

5.3 ADVICE FOR FIRE FIGHTERS

Wear protective clothing and avoid inhalation of vapours.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge directly into drains or the soil. Keep away from surface and ground water

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.



SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 SPECIFIC END USE(S)


No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	No additional data available.
Respiratory Equipment	Not generally required. Use inhalation protection in poorly ventilated areas
Hand Protection	Wear chemically resistant disposable gloves.
Eye Protection	Wear safety goggles.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Always wash routinely before breaks, meals and at the end of the work period.
Personal Protection	No additional data available.
Skin Protection	Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.
Environmental Exposure Controls	No additional data available.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile Liquid
Colour	Yellow to brown
Odour	Spicy, characteristic
Specific Gravity @ 20/25°C	1.020 – 1.060
Refractive Index @ 20°C	1.524 – 1.541
Flash Point (°C)	>65°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	INSOLUBLE
Auto-ignition temperature (°C)	No additional data available.

9.2 OTHER INFORMATION

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

No additional data available.

10.3 POSSIBLE HAZARD REACTIONS

No additional data available.

10.4 CONDITIONS TO AVOID

Extreme temperatures

10.5 INCOMPATIBLE MATERIALS

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

No additional data available.



SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	No additional data available.
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.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

No additional data available.

12.2 PERSISTENCE AND DEGRADABILITY

No additional data available.

12.3 BIOACCUMULATION POTENTIAL

No additional data available.

12.4 MOBILITY IN SOIL

No additional data available.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

No additional data available.

12.6 OTHER ADVERSE EFFECTS

No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Dispose in accordance with the law and local regulations. Treat as trade effluent.



SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER	
UN No. Road	Not Regulated
UN No. Sea	Not Regulated
UN No. Air	Not Regulated
14.2 UN PROPER SHIPPING NAME	
Not Regulated	
14.3 TRANSPORT HAZARD CLASS(ES)	
Not Regulated	
14.4 PACKAGING GROUP	
Not Regulated	
14.5 ENVIRONMENTAL HAZARDS	
No additional data available.	
14.6 SPECIAL PRECAUTIONS FOR USER	
No additional data available.	
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	
No additional data available.	

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Statutory Instruments
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
 Guidance Notes
 Workplace Exposure Limits EH40. CHIP for everyone HSG (108).
 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.

15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H304 May be fatal if swallowed and enters airways H317 May cause an allergic skin reaction H319 Causes serious eye irritation P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves and eye protection P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P305+P351+P338 P331 Do NOT induce vomiting.
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	2



Revision Date	29 th January 2020
Reason for Revision	Full Updated MSDS

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 themselves as to the suitability of such information for their own particular use.