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## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

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**Product:** Clove Bud Oil RINCLO190

**Version:** 1

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### SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR THE MIXTURE AND OF THE SUPPLIER

#### 1.1 Product Identifier

**Product identifier:** Clove Bud Oil; CAS: 8000-34-8

**Other identifiers:** Clove Bud Oil RINCLO190

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances & Flavours

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Pell Wall Perfumes

**Company address:** Pell Wall  
Market Drayton  
TF9 2AE  
UK

**Contact:** Chris Bartlett

**E-Mail address:** enquiry@pellwall-perfumes.com

**Company phone:** +44 7792 580511

#### 1.4 Emergency telephone number

**Emergency phone:** +44 7792 580511

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### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification under Regulation (EC) No 1272/2008

**Class and category of danger:** Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1B  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.

#### 2.2 Label elements

##### Classification under Regulation (EC) No 1272/2008

**Signal word:** Warning

**Hazard statements:** H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.

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**M factor:** None

**Supplemental Information:** None

**Precautionary statements:**

P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P363, Wash contaminated clothing before reuse.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** None

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

**Product identifier:** Clove Bud Oil; CAS: 8000-34-8

**Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Eugenol	97-53-0	202-589-1		73.30%	ED1 2-SS 1B;H317-H319,-

### SECTION 4. FIRST-AID MEASURES

#### 4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.



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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **4.2 Most important symptoms and effects, both acute and delayed**

May cause an allergic skin reaction.

Causes serious eye irritation.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

None expected, see Section 4.1 for further information.

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### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### **5.2 Special hazards arising from the substance or mixture**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### **5.3 Advice for fire fighters:**

In case of insufficient ventilation, wear suitable respiratory equipment.

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

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### **6.2 Environmental precautions:**

Keep away from drains, surface and ground water, and soil.

#### **6.3 Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

#### **6.4 Reference to other sections:**

Also refer to sections 8 and 13.

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### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Fragrances & Flavours: Use in accordance with good manufacturing and industrial hygiene practices.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Workplace exposure limits: Not Applicable

#### 8.2 Exposure Controls

##### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

##### Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

**Appearance:** Light brown, oily, mobile liquid

**Odour:** Not determined

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<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	93 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**9.2 Other information:** None available

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.



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### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

### 10.6 Hazardous decomposition products:

Not expected.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2650
Acute Toxicity Dermal	2500
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1B
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

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## SECTION 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity:</b>	Not available
<b>12.2 Persistence and degradability:</b>	Not available
<b>12.3 Bioaccumulative potential:</b>	Not available
<b>12.4 Mobility in soil:</b>	Not available

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**12.5 Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

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### SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

**14.1 UN number:** Not classified  
**14.2 UN Proper Shipping Name:** Not classified  
**14.3 Transport hazard class(es):** Not classified  
**Sub Risk:** Not classified  
**14.4. Packing Group:** Not classified  
**14.5 Environmental hazards:** Not environmentally hazardous for transport  
**14.6 Special precautions for user:** None additional  
**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**  
Not classified

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### SECTION 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

LM Unique Identifier: LM3588

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

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### SECTION 16. OTHER INFORMATION

**Concentration % Limits:** EDI 2=13.64% SS 1=1.36%

**Total Fractional Values:** EDI 2=7.33 SS 1=73.30

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**Key to revisions:**

Not applicable

**Key to abbreviations:**

Abbreviation	Meaning
EDI 2	Eye Damage / Irritation Category 2
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/face protection.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
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P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.