

**MATERIAL SAFETY DATA SHEET – Cinnamon Leaf Essential Oil**

Page 1 of 4

**SECTION 1 - MATERIAL & SUPPLY COMPANY IDENTIFICATION****Statement of Hazardous Nature**

This product is classified as: Hazardous according to the criteria of NOHSC Australia.  
Not Dangerous according to the Australian Dangerous Goods (ADG) Code.

**Product Name:** Cinnamon Leaf Essential Oil  
**Botanical Name:** *Cinnamomum zeylanicum*  
**INCI Name:** Cinnamomum Zeylanicum Leaf Oil  
**Recommended Use:** Cosmetic and aromatherapy ingredient.  
**Supplier:** Heirloom Body Care  
**ABN:** 94 104 322 410  
**Address:** Unit 9, 28 Coombes Drive Penrith NSW 2750  
**Telephone:** 02 4722 2123  
**Fax:** 02 4722 2904  
**Email:** [heirloom@heirloombodycare.com.au](mailto:heirloom@heirloombodycare.com.au)  
**Emergency Telephone:** Poisons information Centre 131126  
**Creation Date:** March 2012  
**Revision Date:** March 2017

**SECTION 2 - PRODUCT COMPOSITION**

| Ingredients       | CAS No    | Conc, % | TWA (mg/m3) | STEL (mg/m3) |
|-------------------|-----------|---------|-------------|--------------|
| Cinnamon Leaf Oil | 8015-91-6 |         | not set     | not set      |

This product is made from natural sources and may vary slightly from batch to batch.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**Section 3 –HAZARDS IDENTIFICATION**

**Risk Phrases:** R21/22, R36/38. Harmful in contact with skin and if swallowed. Irritating to eyes and skin.

**Safety Phrases:** S20, S24/25. When using, do not eat or drink. Avoid contact with skin and eyes.

**SUSDP Classification:** None allocated.

**ADG Classification:** Not Classified

**UN Number:** Not Classified

**Emergency Overview**

**Physical Description & colour:** Colour and appearance derived from the combined effects of the essentials oil in the blend

**Odour:** Odour derived from the combined odour effects of the essentials oil in the blend

**Major Health Hazards:** No major health hazards are known.

**Potential Health Effects****Inhalation**

**Short term exposure:** Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.

**Long Term exposure:** No data for health effects associated with long term inhalation.

**Skin Contact:**

**Short term exposure:** Available data shows that this product is harmful, but symptoms are not available. However, product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.

**Long Term exposure:** No data for health effects associated with long term skin exposure.

**Eye Contact:**

**Short term exposure:** This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

**Long Term exposure:** No data for health effects associated with long term eye exposure.

**Ingestion:**

**Short term exposure:** Available data shows that this product is harmful, but symptoms are not available.

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**Long Term exposure:** No data for health effects associated with long term ingestion.

**Carcinogen Status:**

**NOHSC:** No significant ingredient is classified as carcinogenic by NOHSC.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

**MATERIAL SAFETY DATA SHEET – Cinnamon Leaf Essential Oil**

Page 2 of 4

## Section 4 –FIRST AID MEASURES

**General Information:**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** If significant skin contact occurs, wash gently and thoroughly with water (use non-abrasive soap if necessary) for 10 minutes or until chemical is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts). Contact a Poisons Information Centre, or call a doctor.

**Eye Contact:** Quickly and gently blot or brush away product. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water until the product is removed or until a few minutes after irritation has ceased, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face.

**Ingestion:** If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

## Section 5 –FIRE FIGHTING MEASURES

**Fire and Explosion Hazards:** This product is classified as a C1 combustible product. There is a slight risk of an explosion from this product if commercial quantities are involved in a fire. Any explosion will likely spread the fire to surrounding materials. Water spray may be used to cool drums involved in a fire, reducing the chances of an explosion. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog. Foam is the preferred medium for large fires.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** ≥65°C

**Upper Flammability Limit:** No data.

**Lower Flammability Limit:** No data.

**Autoignition temperature:** No data.

**Flammability Class:** C1

## Section 6 –ACCIDENTAL RELEASE MEASURES

**Accidental release:** In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including face mask, face shield and gauntlets. All skin areas should be covered. See above under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include PVC, Viton. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Avoid using sawdust or other combustible material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry. Exothermic reactions leading to spontaneous combustion are possible when this product is absorbed onto porous materials such as zeolites, other mineral derived products, and even rags. Therefore, avoid the use of those materials and seek specialist advice in large scale cleanup processes.

## Section 7 –HANDLING AND STORAGE

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers periodically for leaks. Containers should be kept closed in order to minimise contamination and possible evaporation. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10. If you keep more than 1000L of flammable liquids of Packaging Group III, you probably require a license to do so. If you have any doubts, we suggest you contact your licensing authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

## Section 8 –EXPOSURE CONTROLS AND PERSONAL PROTECTION

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The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**Exposure Limits TWA (mg/m3) STEL (mg/m3)**

Exposure limits have not been established by NOHSC for this product.

## **MATERIAL SAFETY DATA SHEET – Cinnamon Leaf Essential Oil**

Page 3 of 4

**Ventilation:** No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.

**Eye Protection:** Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

**Skin Protection:** Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

**Protective Material Types:** There is no specific recommendation for any particular protective material type. rubber, PVC.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being used.

### **Section 9 –PHYSICAL AND CHEMICAL PROPERTIES**

**Physical Description & colour:** Odour and appearance derived from the combined effects of the essentials oil in the blend

**Odour:** Odour derived from the combined odour effects of the essentials oil in the blend

**Boiling Point:** No data.

**Freezing/Melting Point:** No specific data. Liquid at normal temperatures.

**Volatiles:** No data.

**Vapour Pressure:** No data.

**Vapour Density:** No data.

**Specific Gravity:** (at 20°C) 1.030 – 1.050

**Water Solubility:** No data.

**pH:** No data.

**Volatility:** No data.

**Odour Threshold:** No data.

**Evaporation Rate:** No data.

**Coeff Oil/water distribution:** No data

**Autoignition temp:** No data.

### **Section 10 -Stabilityand Reactivity**

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep away from sources of sparks or ignition.

**Incompatibilities:** strong acids, strong oxidising agents, strong reducing agents, porous materials such as zeolites and similar mineral products, rags.

**Fire Decomposition:** Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product is unlikely to undergo polymerisation processes.

### **Section 11 –TOXICOLOGICAL INFORMATION**

**Target Organs:** There is no data to hand indicating any particular target organs.

#### **Classification of Hazardous Ingredients**

Ingredient Risk Phrases

General R21/22, R36/38

### **Section 12 –ECOLOGICAL INFORMATION**

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

#### **Section 13 -Disposal Considerations**

**Disposal:** Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. Please do NOT dispose into sewers or waterways.

### **Section 14 –TRANSPORT INFORMATION**

**ADG Code:** Not Classified

**Hazchem Code:** Not Classified

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**Special Provisions:** No special provisions specified.

**Dangerous Goods Class:** Not Classified

**Packaging Group:** Not Classified

**Packaging Method:** Not Classified

**IATA/ IMDG:** Not Classified

Class 3 Flammable Liquids shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 2.1 (Flammable Gases where flammable liquids and flammable gases are both in bulk), 2.3 (Toxic Gases), 4.2 (Spontaneously Combustible

## **MATERIAL SAFETY DATA SHEET – Cinnamon Leaf Essential Oil**

Page 4 of 4

Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), 6 (Toxic Substances, except Flammable Liquid is nitromethane), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.1 (Flammable Gases except where the Flammable Liquids and Flammable Gases are in bulk), 2.2 (Non-Flammable Non-Toxic Gases), 4.1 (Flammable Solids), 4.3 (Dangerous When Wet Substances), 6 (Toxic Substances, except where Flammable Liquid is nitromethane), 8 (Corrosive Substances), 9 (Miscellaneous Dangerous Goods), Foodstuffs or foodstuff empties.

### **Section 15 –REGULATORY INFORMATION**

**AICS:** This product was found in the public AICS Database.

### **Section 16 – OTHER INFORMATION**

**This MSDS contains only safety-related information. For other data see product literature.**

#### **Acronyms:**

**ADG Code** Australian Code for the Transport of Dangerous Goods by Road and Rail

**AICS** Australian Inventory of Chemical Substances **CAS number** Chemical Abstracts Service Registry Number

**Hazchem Number** Emergency action code of numbers and letters that provide information to emergency services especially firefighters

**IARC** International Agency for Research on Cancer

**NOHSC** National Occupational Health and Safety Commission

**NOS** Not otherwise specified

**NTP** National Toxicology Program (USA)

**R-Phrase** Risk Phrase

**SUSDP** Standard for the Uniform Scheduling of Drugs & Poisons

**UN Number** United Nations Number

#### **CONTACT POINT:**

**Tel:** +61 2 4722 2123

**Fax:** +61 2 4722 2904

**National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)**

The information contained in the Material Safety Data Sheet was obtained from current and reliable sources. The data is supplied without warranty, expressed or implied, regarding it's correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume loss, injury, damage or expense resulting from improper use of this product.

Please read all labels carefully before using product.