

# Material Safety Data Sheet

Date prepared: August 28<sup>th</sup>, 2008

Date revised: N/A (first edition)

## 1. Identification of the Substance/Preparation and the Company/Undertaking

Product Name: **Lemon Myrtle Oil**

Botanical Name: *Backhousia citriodora*

INCI Name: Backhousia citriodora leaf Oil

Country of Origin: Australia

Company/undertaking name & address: Gracefruit.com  
146 Glasgow Road  
Longcroft  
FK4 1QL

Telephone: 01324 841353  
**2. Composition**

Substance: Lemon Myrtle Essential Oil

% content: 100%

CAS Number:

Classification:

EINECS:

## 3. Hazards Identification

Most important hazards: Ketones.

Specific hazards: None

## 4. First aid measures

**Eye contact:** Flush with water for at least 15 minutes. Call physician if irritation persists.

**Inhalation:** Avoid casual breathing. Remove to fresh air.

**Ingestion:** Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.

**Skin contact:** Remove contaminated clothing. Wash with soap and plenty of water.

## 5. Fire fighting measures

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Extinguishing media : Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

Special firefighting procedures : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards : Emits toxic fumes under fire conditions.

## 64. First aid measures

After eye contact : In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes.

After skin contact : After contact with skin, wash immediately affected area with soap and plenty of water.

After inhalation : If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

After ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Obtain medical advice.

## 5. Fire fighting measures

Extinguishing media : Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

Special firefighting procedures : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards : Emits toxic fumes under fire conditions.

## 6. Accidental release measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area. To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters. Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

## 7. Handling and storage

Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeshields and protective clothing. Smoking should not be permitted in work areas. Provide suitable air extraction ventilation in the work areas. Vapors may

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form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges. To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources. Keep in glass, suitable plastic, aluminum or laquer-lined containers.

## 8. Exposure Controls

Occupational exposure limits : OSHA TWA : Not determined ACGIH TWA : Not determined NIOSH TWA : Not determined OSHA PEL : Not determined ACGIH STEL : Not determined NIOSH STEL : Not determined

Respiratory protection : Do not breath vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

Hand protection : Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Eye protection : Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Body protection : Light protective clothing recommended. Wash contaminated clothing before reuse.

Hygiene measures : Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.

## 9. Physical and chemical properties

Appearance / odor : colorless to pale yellow clear liquid / clean peppermint minty pungent

Melting point :Not determined Boiling point :209.00 °C. @ 760.00 mmHg

Flash point ( Deg. F. ) : 160.00 °F. TCC ( 71.11 °C. )

Flammability :Not determined

Autoflammability :Not determined

Explosive properties :Not determined

Oxidizing properties :Not determined

Vapor pressure :0.300 mm/Hg @ 25.00 °C.

Vapor density :Not determined

Volatile by volume :100.00 %

Evaporation rate :Not determined

Specific gravity :0.89600 - 0.90800 @ 25 °C.

PH of Product :Not determined

Solubility in water :Insoluble

## 10. Stability and reactivity

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Stability : Stable

Conditions to avoid : Heat, excessive heat, open flames and other sources of ignition.

Incompatibility : Strong oxidizing agents, strong reducing agents.

Hazardous decomposition products :

Hazardous combustion or decomposition products: carbon monoxide, carbon dioxide.

Hazardous polymerization will not occur.

## 11. Toxicological information

Irritant, Dangerous for the environment.

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

May cause sensitisation by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Oral Toxicity(LD50) : Oral-Rat 2425.00 mg/kg JPMSAE 54,1071,1965

Dermal Toxicity(LD50) : Not determined Skin Irritation : Not determined Eye Irritation : Not

determined Inhalation data(LC50) : Not determined Mutagenicity data : Not determined

Phototoxicity data : Not determined Human experience : Not determined Carcinogenicity :

Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No Reproductive toxin : Per

OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No On the TSCA Inventory? : Yes

## 12. Ecological information

Biodegradability Readily biodegradable : Not determined Inherently biodegradable : Not

determined Ecotoxicity Fish : Not determined Algae : Not determined Daphnia : Not

determined Bacteria : Not determined Further information : Prevent contamination of soil,

ground and surface waters. Do not discharge product unmonitored into the environment.

Mixture reportable to : None found

## 13 Disposal Considerations

Dispose of in accordance with all federal, state and local environmental regulations.

## 14. Transport information

14 : Transport information US DOT Hazard Class : n/a keep away from children UN Number

: Not found UN Pkg. Group : Not determined UN item : Not determined ERG Number : Not

determined Land transport (ADR/RID) Class : Not determined Transportfactor : Not

determined Marine transport (IMDG) IMDG-class : Not determined Page No. : Not

determined MFAG : Not determined EmS-No. : Not determined Air transport (IATA) IATA-

class : Not determined Passenger : Not determined Cargo : Not determined

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## 15. Regulatory information

Xi N - Irritant, Dangerous for the environment.

R 37/38 - Irritating to respiratory system and skin.

R 41 - Risk of serious damage to eyes.

R 43 - May cause sensitisation by skin contact.

R 51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S 24 - Avoid contact with skin.

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36 - Wear suitable protective clothing.

S 61 - Avoid release to the environment. Refer to special instructions/safety data sheet.

## 16. Other Information

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