



### Capabilities Statement



## Introduction

Kochii Eucalyptus Oil (pronounced "koh-chee-eye") is produced from the *Eucalyptus kochii*, which is only grown near Kalannie in the Central wheatbelt of Western Australia. This ancient and fragile region of Australia is renowned for its delicate flora, huge dry salt lakes, and awe-inspiring granite monoliths. It is also home to the thousand-year-old remnant trees of *Eucalyptus kochii*.

The leaves of the *Eucalyptus kochii* contain the most valuable essential oil, one that protects its trees from herbivores, and, being flammable, also encourages the landscape to burn. This in turn incites the continual survival of its species, and guarantees a natural and never-ending supply of our oil. Native only to Western Australia, *Eucalyptus kochii* also has the highest concentration of cineole, the component that characterises and defines eucalyptus oil of any kind in the world, making Kochii Eucalyptus Oil the highest quality eucalyptus oil that is (or has ever been) available on the market, worldwide.

Its uniqueness and purity provides a strong but relatively delicate fragrance, one that is synonymous with our earthy, rural landscapes and distinctive lifestyle.

<sup>(()</sup> the highest quality eucalyptus oil available on the market, worldwide<sup>())</sup> <sup>(()</sup> Kochii Eucalyptus Oil is extracted through the time-honoured process of steam-distillation, from plantings established and owned by farmers in the wheatbelt of Western Australia, making this product 100% Australian made.<sup>())</sup>



# **Our Unique Oil**

The sight and smell of eucalypts are a defining part of Australian history, culture, and tourism. And our oil is unique; it is fierce and fertile, and backed by millions of years of eucalypt evolution in Australia, our trees thrive in the very hot summers of the semi-arid central wheatbelt of Western Australia. In fact, these trees grow poorly in 'mild' regions. The only place where *Eucalyptus kochii* has ever been known to grow well under cultivation is in farmland in its natural habitat. *Eucalyptus kochii* is the only native species of eucalypts around the world that encompasses the highest concentration of oil within its leaves. More significantly, the oil itself is recognised as having the highest content of cineole, the defining component of eucalyptus oil. In order to be considered 'Eucalyptus oil', the chemical standard for trade must contain a minimum of 80% cineole; *Eucalyptus kochii* contains 90-95% cineole. The remainder of the oil consists of other natural terpenoid constituents, resulting in Kochii Eucalyptus Oil being the highest quality natural eucalyptus oil available in today's market, with a characteristic fragrance that is strong yet delicate, evocative and unique.in today's market, with a characteristic fragrance which is strong yet delicate, evocative and unique.

#### 100% Australian grown and produced

Kochii Eucalyptus Oil is extracted through the steam-distillation process, from *Eucalyptus kochii* plantings owned by farmers in the Kalannie area of the central wheatbelt of Western Australia.

### Sustainable production system

The trees provide important land care benefits to the region, with the entire production process of the oil from beginning through to end retaining a negative carbon footprint.

### Best quality worldwide

In order to be considered 'Eucalyptus oil', the chemical standard for trade must contain a minimum of 80% cineole. *Eucalyptus kochii* contains 90-95% cineole, making it the highest quality natural eucalyptus oil available in today's market.

### Uniqueness: can only be grown in WA



Backed by millions of years of eucalypt evolution in Australia, these trees thrive in the very hot summers of the semi-arid central wheatbelt of Western Australia. In fact, these trees grow poorly in 'mild' regions. The only place where *Eucalyptus kochii* has ever been known to grow well under cultivation is in farmland in its natural habitat.



## Markets



### Therapeutic

- ► Wounds & Skincare
- Respiratory Problems
- Mental Exhaustion
- Hand Cleanser
- ► Muscle Pain
- **L**ice



### Purification

- Versatile Cleaning Agent
- Disinfectant
- Clothes Washing Additive
- 🝆 Deodoriser
- ► Air Cleanser
- 🔪 Insect Repellent
- ► Adhesive Removal



### Industrial

- 🗢 Natural Industrial Solvent
- Natural Degreaser
- Natural Product Enhancer in Fuel and other products

## **Cineole Explained**

The compound 1,8-Cineole, also known as Eucalyptol, is the key ingredient in all eucalyptus oils.

Pharmaceutical grade eucalyptus oil must contain a minimum of 80% cineole. Most eucalyptus oils available on the market today are made from *Eucalyptus globulus*, which only contains around 60% cineole. A rectification process is then required to increase the cineole concentration up to 80%.

*Eucalyptus kochii* contains 90-95% cineole naturally – producing the highest quality natural eucalyptus oil with no rectification or blending required.

## Process

Behind Kochii Eucalyptus Oil is a long history of experience and expertise with *Eucalyptus kochii* and the Western Australian wheatbelt region. Not just from us, but also from a generation of farmers and a team of government agency staff who fulfilled a long-term vision for this useful, native tree to be planted back into its landscape.

Plantings re-grow ("coppice") after previous harvest for approximately 3 years before being ready for harvest again. From seed collected throughout the natural range, the trees we repeatedly harvest have been planted by us, or by other nearby landowners.

These trees benefit the landscape in a variety of ways.

### Including:

- Returning green coverage within paddocks, giving wind and sun protection to soils and livestock.
- Providing habitat for native insects, fungi, flora and fauna.
- Protecting valley floors from rising salinity.

Other tree species we have planted are left unharvested as carbon sinks.

### 1. Trees are planted





3. Trees are harvested





5. Oil is bottled, ready for sale

## Personnel



### Danny Fakhre - Chairman

Mr Fakhre is a successful business proprietor with diversified international interests. Mr Fakhre owns rural properties and continues to be a major supplier of livestock worldwide. Danny is confident about

the future of agriculture in Western Australia and views the combination of traditional agricultural pursuits and commercial tree crops as a sound and complimentary diversification.



#### Dan Wildy - Operations

As a professional forester, *Eucalyptus kochii* is Dan's favourite and most respected tree species.

Dan's passion for the oil of *Eucalyptus kochii* came from being involved in the first trial oil production from the

species when he had just left school. Following that, Dan completed his PhD at the University of Western Australia on the growth and physiology of *Eucalyptus kochii* in the Kalannie region of WA, and has since been involved in planting the species throughout its natural range.

Dan is now responsible for the commercial production of Kochii Eucalyptus Oil, and also carries out reforestation and carbon sequestration activities for the business.



### Mike Walter - Director & Manager

Mike has over 40 years of agribusiness experience and joined the Company in 2008 after holding several senior executive positions in the rural banking industry. Mike has developed a keen interest in agri-

forestry enterprises and assists Danny Fakhre with local management. Mike has a wide network of contacts and relationships in agribusiness industries across Australia and internationally.



### Ian Stanley - Director

lan is a third generation farmer, whose family owns and operates a 25,000ha wheat and sheep farm in Kalannie in the Central Wheatbelt of Western Australia. Ian's father, the late Don Stanley, is widely regarded

as the founder of the oil mallee industry in Australia, which included the introduction of *Eucalyptus kochii* into farming enterprises.

lan's experience in running a large broad acre farming enterprise with integrated mallee plantations led to his election as President and Chairman of the Oil Mallee Association of Australia ('OMA') in 2003.

Ian is passionate about growing small rural communities through new industry and farming enterprises. He has been awarded both the State and National Landcare Awards for Individuals.

Ian has been the driving force behind the development of the oil production system in use at Kalannie over the past decade. Ian also currently serves as a Director of Rainbow Bee Eater, a company involved in ground breaking technology involving biochar and renewable energy.

## **Company Details**

Business Name	Kochii Eucalyptus Oil
Company Name	Kochii Eucalyptus Oil Pty Ltd
ABN	20 117 401 180
ACN	117 401 180
Operations Address	Corner of Goodlands & Campbell Roads, Kalannie, WA, 6468
Postal Address	PO Box 57, West Perth WA 6872
Phone Number	08 9481 2033
Email	info@kochiioil.com.au
Website	www.kochiioil.com.au
Contact	Perth Head Office 08 9481 2033



### kochiioil.com.au



