

**MATERIAL SAFETY DATA SHEET**  
**ACCORDING TO EC LEGISLATION 91/155/E EC**

Date created: August 2002

Date revised: June 2005

**1. Identification:**

Commercial name: *Manuka essential oil.*

Botanical Nomenclature: *Leptospermum scoparium.*

INCI name: *Not available.*

CAS number: *Not available.*

EINECS/ELINCS number: *Not available.*

**2. Composition:**

Main components: *Calamene, leposprenone, other sesquiterpene hydrocarbons(c),  $\alpha$ -copaene,  $\delta$ -cadinene, flavesone, cadine-1,4-diene, isoleptosprenone, other oxygenated sesquiterpenes(d),  $\alpha$ -selinene,  $\alpha$ -cubebene,  $\beta$ -selinene,  $\beta$ -caryophyllene, aromadendrene,  $\alpha$ -pinene.*

Additives (e.g. carriers, preservatives, antioxidants): *Nil.*

**3. Potential Health Hazards:**

Inhalation: *None identified.*

Skin: *Concentrated liquid and vapours irritating to skin by prolonged exposure.*

Eyes: *Irritating to eyes with possible damage.*

Ingestion: *Harmful if swallowed.*

**4. First aid:**

Inhalation: *If discomfort is felt, remove person to a well-ventilated area with plenty of fresh air.*

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

Eyes: *Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice from a Medical Doctor.*

Ingestion: *Seek immediate medical care.*

**5. In case of fire:**

Extinguishing Media: *Foam, Carbon dioxide.*

Do not use: *Water.*

Special precautions: *Wear breathing apparatus as toxic vapours may be released during fire.*

**6. Spill and Leak Procedure:**

Individual precautions: *Eliminate sources of ignition. Keep area well ventilated and isolate the spill.*

Environmental protection: *Prevent the liquid from entering the drains and sewers.*

Cleaning methods: *Soak up the spill using inert absorbents. For large spills, use pumps.*

**7. Handling and storage:**

*Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).*

*Handle in a well-ventilated area.*

*Keep away from sources of heat and ignition.*

**8. Personal Protection / Exposure control:**

Respiratory protection: *Wear breathing apparatus when working in an area of high vapour concentration.*

