

**MATERIAL SAFETY DATA SHEET**

**1 - Identification of Product and Supplier:**

Product Name: Eem’s Zest Oil

Supplier: Cell&Bio, 2F 513 Dongsuwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea 16531 – Tel : +82-31-546-7896

**2 - Composition and information on ingredients:**

Definition/Botanical Origin: Rosmarinus Officinalis (Rosemary) Leaf Oil, Pelargonium Graveolens Flower Oil, Foeniculum Vulgare (Fennel) Oil, Juniperus Communis Fruit Oil, Citrus Aurantium Bergamia (Bergamot) Fruit Oil, Citrus Grandis (Grapefruit) Peel Oil, Cupressus Sempervirens Leaf Oil

Application: Aromatherapy, Skin care, Masking, Perfuming, Food

**3 - First aid measures:**

Eye contact: Flush with water for at least 15 minutes.

**4 - Handling and storage:**

Fire Protection: Keep away from sources of ignition & naked flames. Take precaution to avoid static discharges in working area

Storage Conditions: Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.

**5 - Physical data and chemical properties:**

Colour: Pale yellow.

Appearance: Liquid.

Odour: Unique incense.

Specific Gravity @ 20°C: 0.8 – 1.0

Refractive Index @ 20°C: 1.4 – 1.5

Solubility: Soluble in alcohol and oils. Almost insoluble in water.

Acid Value: ≤1.4

pH @ 20°C: 4 - 7

Extraction method: Steam Distillation

**6 - Stability and Reactivity:**

Reactivity: Stable

Decomposition: N/A

**7 - Toxicological information:**

LD50: Literature value L50 oral Rat>5g/kg

Carcinogenicity: N/A

**8 - Transport information:**

Road (ADR/RID): Class 3 Packing Group III

Air (IATA): Class 3 Packing Group III

Sea (IMDG): Class 3 Packing Group III

**9 - Packaging information:**

**Type Suitability**

|  |  |
| --- | --- |
| Glass | Yes |
| Lacquer lined steel/tin | Yes |
| Aluminium | Yes |
| HPPE | No |
| F/HDPE | Yes |
| Other plastic | No |

Environment: Keep away from drains, surface and ground water

Storage: Store in cool, dry, well ventilated area

**10 - Other Information:**

**SHELF LIFE**

When stored within advised conditions, re-test after 12 months then every 3 months up to a maximum shelf life of 36 months.

**Q.C. REQUIREMENTS:**

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its’ correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.