## TECHNICAL DATA SHEET

**Document No.**: TDS/FR1001/02  
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<table>
<thead>
<tr>
<th>Item Code</th>
<th>FR1001</th>
<th>Date</th>
<th>FR1001</th>
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<th>01</th>
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<tbody>
<tr>
<td>Item Name</td>
<td>LEMON OIL SPRING</td>
<td>Date</td>
<td>FR1001</td>
<td>Version</td>
<td>01</td>
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</tbody>
</table>

### PHYSICO-CHEMICAL PROPERTIES:

- **Appearance**: Pale yellow to deep yellow
- **Physical Status**: Liquid
- **Flash Point (Closed cup) °C**: 50º C
- **Refractive Index**: 1.468 – 1.480 @ 20 ºC
- **Optical Rotation**: +57º to +65.6º
- **Solubility in Alcohol**: 1:3 in 95% alcohol
- **Solubility in Water**: Insoluble
- **Assay by GC/MS (%)**: Limonene, α-Pinene, gamma-terpenes, Citral, β-Pinene

### Shelf Life

12 months with proper storage conditions.

### Legislation

Natural

### Stability

Avoid strong acids, strong bases, & all oxidizing agents.

### HANDLING PRECAUTION

Handle with adequate ventilation. Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

### PACKING & STORAGE

Should be stored in cool, dry, well ventilated places in full, tightly sealed containers. Protected from light & source of ignition. Packed in Aluminum, HDPE Food Grade Cans, MS Coated Drums, GI Drums. Avoid long contact with Iron, heat and light.

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