# TECHNICAL DATA SHEET

**Item Code** : RM0141  
**Date** : 17/06/2013  
**Version** : 02

**Item Name** : KAFFIR LIME OIL

### CAS 
91771-50-5

### EINECS 
294-942-1

### Botanical Name 
Citrus hystrix L.

### Product Description 
Clear light yellow liquid having very strong citrusy odour.

### Origin 
This essential oil is obtained by the steam distillation of the leaves of Citrus hystrix L.

### PHYSICO-CHEMICAL PROPERTIES :

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear light yellow</td>
</tr>
<tr>
<td>Physical Status</td>
<td>LIQUID</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>1.440 - 1.460 @20ºC</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.850 - 0.870 @25ºC</td>
</tr>
<tr>
<td>Optical Rotation</td>
<td>-5º to -15º</td>
</tr>
<tr>
<td>Solubility in Alcohol</td>
<td>Soluble in ethanol</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Main Components by GLC</td>
<td>Citronellal: Min 60%</td>
</tr>
</tbody>
</table>

### Shelf Life
12 months or longer under proper storage conditions.

### Legislation
Natural

### Stability
Avoid strong acids strong bases and all oxidising agents.

### Uses
Perfumes & Fragrances

### HANDLING PRECAUTION
Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing.

### PACKING & STORAGE
Store at ambient temperature, dry and well-ventilated area, away from heat source and protected from light. Store in tightly sealed original containers, packed in Aluminium bottles, HDPE Food grade cans, MS Coated Drums or GI Drums. Keep air contact min

---

NOTE : THIS IS A SYSTEM GENERATED DOCUMENT HENCE NEED NOT BE AUTHENTICATED.