

## **PART 4 – AROMA CHEMICALS DERIVED FROM ESSENTIAL OILS**

### **APPENDIX “I”**

#### **ESSENTIAL OILS CONTAINING ALLERGENS**

| 0 %   | 0-5 %  | 5-10 %  | 10-25 %                                    | 25-50 %  | 50-75 %                             | 75-90 %   | 90%  |
|---|--|---|--|--|-------------------------------------|---|--|
| angelica seed<br>cedarwood<br>guaiacwood<br>myrrh<br>parsley<br>patchouli<br>sandalwood<br>spike lavender | star anise<br>aromaise<br>benzoin<br>cardamom<br>carrot<br>camonile<br>copaiba<br>estragon<br>eucalyptus<br>galbanum<br>ginger<br>labdanum<br>rosemary<br>teatree<br>vetiver | olibanum<br>eucalyptus<br>nutmeg<br>pine<br>sage<br>tagette<br>red thyme<br>ylang 2 | citronella<br>clary sage<br>spear-<br>mint | bergamot<br>caraway<br>geranium<br>lavandin<br>petitgrain<br>rose<br>ylang 1<br>ylang 3<br>ylang extra | lemon<br>lime<br>mandarin<br>neroli | cinnamon(leaf)<br>cinnamon(bark)<br>coriander<br>litsea | bitter orange<br>clove (leaf)<br>clove (bud)<br>eugenol<br>grapefruit<br>sweet orange<br>tangerine |

Source: EFEO, Perfumer & Flavourist, March 2004

#### **Essential Oils: Percentage Allergens**

Of the 26 published allergens, essential oils contain some 16 of them. The relevant allergens are:

- Benzyl alcohol
- Benzyl Salicylate
- Cinnamyl alcohol
- Cinnamic aldehyde
- Citral
- Coumarin
- Eugenol
- Geraniol
- Isoeugenol
- Anisyl alcohol
- Benzyl benzoate
- Benzyl cinnamate
- Citronellol
- Farnesol
- Limonene and
- linalool