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|---------------|---|--------------|-----------|-----|----|
| -Product Name | Avocado Oil Refined   |              |           |     |    |
| Date          | 08/09/2015  | Product Code | -         | Rev | 01 |
| Description   | Persea Gratissima Oil is the fixed oil obtained by pressing the dehydrated sliced flesh of the avocado pear, <i>Persea gratissima</i> , <i>Lauraceae</i> . It consists principally of the glycerides of fatty acids It is then chemically refined, bleached, deodorised and winterised. |              |           |     |    |
| Appearance    | Clear liquid, light yellow to yellow.   |              |           |     |    |
| Odour         | Almost odourless.   |              |           |     |    |
| INCI Name     | Persea Gratissima Oil   |              |           |     |    |
| CAS Number    | 8024-32-6   | EC Number    | 232-428-0 |     |    |

#### TEST SPECIFICATION

| ANALYTICAL TEST                | SPECIFICATION RANGE                     |
|--------------------------------|---|
| Specific Gravity @ 20°C (g/ml) | 0.910 - 0.925                           |
| Refractive Index @ 20°C        | 1.468 - 1.475                           |
| Iodine value (mg/g)            | 80.0 - 90.0                             |
| Saponification value (mgKOH/g) | 177.0 - 198.0                           |
| Unsaponifiable matter (%)      | < 1.5                                   |
| Free Fatty Acid (% as Oleic)   | < 0.5                                   |
| Peroxide Value (Meq/kg)        | < 10.0 (at time of production analysis) |
| <b>Fatty Acid Profile (%)</b>  |   |
| C 16:0 Palmitic Acid           | 10.0 - 20.0                             |
| C 16:1 Palmitoleic Acid        | 1.0 - 10.0                              |
| C 18:0 Stearic Acid            | < 3.0                                   |
| C 18:1 Oleic Acid              | 50.0 - 75.0                             |
| C 18:2 Linoleic Acid           | 6.0 - 20.0                              |
| C 18:3 Alpha Linolenic Acid    | < 2.0                                   |
| C 20:0 Arachidic Acid          | < 1.0                                   |

#### STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

#### STABILITY

When stored for more than 24 months, quality should be checked before use.