



PRODUCT SPECIFICATION SHEET –PEPPERMINT OIL

| GENERAL INFORMATION | | | |
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| INCI Name | Mentha Piperita (Peppermint) Oil | | |
| Botanical source | <i>Mentha piperita L</i> | | |
| Botanical family | Lamiaceae | | |
| Status | Conventional / Organic | | |
| Part of Plant Used | Herbs and stems | | |
| Production Process | Steam distillation | | |
| Origin | Egypt | | |
| Manufacture | Pure Essential Oils & Herbs Co. | | |
| REGULATORY INFORMATION | | | |
| FEMA | 2848 | EINECS | 282-015-4 |
| FDA | 182.2 | CAS EINECS | 8006-90-4 |
| CAS TCSA | 84082-70-2 | Product Code | PSD01300 |
| PHYSICAL PROPERTIES | | | |
| Appearance | Colorless to pale yellow liquid. | | |
| Odour/taste | Minty , Fresh | | |
| Relative density @ 20°C | 0,900 - 0,910 | | |
| Refractive index @ 20°C | 1,4550 - 1,4650 | | |
| Optical Rotation @ 20°C | -10 to -30 | | |
| Solubility | Insoluble in Water , Soluble in alcohol and fixed oils | | |
| Flash point °C | 74 | | |
| Shelf Life | 24 Months | | |
| Uses | Aromatherapy, Natural Perfumery | | |
| PRINCIPAL CHEMICAL CONSTITUENTS (by GC %): | | | |
| α-pinene | 0.1 to 2.5 | Linalool | 0.2 to 2.5 |
| Beta-Pinene | 0.1 to 3.0 | Menthone | 15.0 – 40.0 |
| Limonene | 0.5 to 5.0 | Isomenthone | 1.5 to 15.0 |
| 1.8 cineole | 0.9 to 7.0 | Menthol | 25.0 – 40.0 |
| Menthyl acetate | 2.8 to 10 | | |

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

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| Approved by: | QA MANAGER | Version: 03 | Date: 24.06.2020 |
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