



PRODUCT SPECIFICATION SHEET FOR MUSTARD SEED OIL

| GENERAL INFORMATION | | | |
|------------------------|---|-------------------------|--------------------|
| INCI Name | Brassica Alba Seed Oil | | |
| Botanical source | <i>Brassica alba</i> | | |
| Botanical family | Brassicaceae | | |
| Description | The fixed oil is obtained by cold pressed of <i>Brassica alba</i> Seeds | | |
| Status | Conventional / Organic | | |
| Part of Plant Used | Seeds | | |
| Production Process | Cold Pressed | | |
| Origin | Egypt | | |
| Manufacturer | Pure Essential Oils & Herbs Co. | | |
| REGULATORY INFORMATION | | | |
| FEMA | 2760 | EINECS | 309-426-4 |
| FDA | 182.2 | CAS EINECS | 93062-78-3 |
| CAS TCSA | 100298-73-5 | Product Code | PCP-03600 |
| PHYSICAL PROPERTIES | | | |
| Physical state | Reddish brown or amber Liquid | | |
| Odour/taste | Pungent smell Spicy taste | | |
| Refractive index @20°C | 1,4710 - 1,4780 | Saponification | 168 to 177 |
| Density @20°C | 0,900 - 0,930 g/cm ³ | Unsaponification Matter | NMT 1.2% by weight |
| Acid Value | < 4,0 mg /g | Flash Point | > 130 °C |
| Iodine value (g/100g) | 96-112 | Shelf Life | 24 Months |
| Solubility | Insoluble in Water, Soluble in alcohol and fixed oils. | | |
| Uses | Food Additive , Pharmaceutical Industries | | |
| Fatty Acid Profile | | | |
| Palmitic acid | 2,0 - 7,0 | Oleic acid | 55,0 - 70,0 |
| Stearic acid | < 5,0 | Linoleic acid | 7,0 - 15,0 |
| Linolenic acid | 7,5 - 17,0 | Erucic acid | < 1,5 |

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 | Version: | 24 Jan. 2020 |
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