

TECHNICAL DATA SHEET

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| Product Name | CORN (MAIZE) OIL |
| Botanical Name | Zea mays |
| Product Code | PCO4085 |
| CAS # | 8001-30-7 |
| EINECS # | 232-281-2 |
| INCI Name | Corn (Zea mays) Oil |

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|--------------------------|-----------------------|
| Part Used | Germ |
| Extraction Method | Cold Pressed |
| Quality | 100% Pure and Natural |

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> |
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| Appearance | Pale yellow colored liquid |
| Odour | Mild characteristic odour |
| Refractive Index | 1.463 - 1.467 @ 40°C |
| Specific Gravity (g/mL) | 0.913 - 0.920 @ 30°C |
| Moisture (%) | Maximum 0.1 |
| Unsaponifiable Matter (%) | Maximum 1.5 |
| Saponification Value (mgKOH/g) | 187 - 195 |
| Unsaponifiable Matter (%) | Around 4.90% |
| Peroxide Value (meq O₂/kg) | Less than 5.0 |
| Iodine Value (g I₂/100g) | 103 - 128 |
| Acid Value (mgKOH/g) | Less than 0.5 |
| Solubility | Soluble in cosmetic esters and fixed oils; Insoluble in water |

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