

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>RICE BRAN OIL</b>
<b>Botanical Name</b>	Oryza sativa
<b>Product Code</b>	PCO4075
<b>CAS #</b>	68553-81-1 ; 84696-37-7
<b>EINECS #</b>	271-397-8
<b>INCI Name</b>	Oryza sativa (Rice) Bran Oil

<b>Part Used</b>	Bran
<b>Extraction Method</b>	Cold Pressed
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Golden yellow to golden brown colored liquid
<b>Odour</b>	Characteristic odour
<b>Refractive Index</b>	1.460 - 1.470 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.910 - 0.920 @ 20°C
<b>Saponification Value (mgKOH/g)</b>	180 - 195
<b>Unsaponifiable Matter (%)</b>	Less than 3.5
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 5.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	90 - 105
<b>Acid Value (mgKOH/g)</b>	Less than 0.5
<b>Solubility</b>	Soluble in cosmetic esters and fixed oils; Insoluble in water

### FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
<b>Palmitic Acid</b>	C16:0	14.00 – 22.00
<b>Stearic Acid</b>	C18:0	0.90 – 2.50
<b>Oleic Acid</b>	C18:1 (n-9)	38.00 – 46.00
<b>Linoleic Acid</b>	C18:2 (n-6)	33.00 – 40.00
<b>Alpha-Linolenic Acid</b>	C18:3 (n-3)	0.20 – 2.90

### 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.

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