

TECHNICAL DATA SHEET

Product Name	CHAULMOOGRA OIL
Botanical Name	Hydnocarpus wightiana
Product Code	PCO4072
CAS #	8001-74-9
INCI Name	Hydnocarpus wightiana (Chaulmoogra) Oil

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow colored viscous liquid
Odour	Characteristic mild odour
Refractive Index	1.472 - 1.476 @ 20°C
Specific Gravity (g/mL)	0.950 - 0.960 @ 20°C
Saponification Value (mgKOH/g)	195 - 205
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	98 - 103
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paras Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Myristic Acid	C14:0	Maximum 1.0
Palmitic Acid	C16:0	4.00 – 12.00
Palmitoleic Acid	C16:1 (n-7)	4.00 – 10.00
Oleic Acid	C18:1 (n-9)	3.00 – 8.00
Linoleic Acid	C18:2 (n-6)	1.00 – 3.00
Hydnocarpic Acid	-	15.00 – 30.00
Chaulmoogri Acid	-	20.00 – 40.00
Gorlic Acid	-	20.00 – 35.00

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.

As it is electronically generated document, hence no signature required.