

TECHNICAL DATA SHEET

Product Name	HAZELNUT OIL
Botanical Name	Corylus avellana
Product Code	PCO4029
CAS #	185630-72-2 ; 84012-21-5
EINECS #	281-667-7
INCI Name	Corylus avellana (Hazel) Nut Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to bright golden colored liquid
Odour	Almost odourless
Refractive Index	1.462 - 1.472 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.925 @ 20°C
Saponification Value (mgKOH/g)	187 - 197
Peroxide Value (meq O₂/kg)	Maximum 5.0
Iodine Value (g I₂/100g)	85 - 105
Free Fatty Acids (% oleic)	Less than 0.25
Acid Value (mgKOH/g)	Less than 0.50
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>
Palmitic Acid	C16:0	4.00 – 9.00
Palmitoleic Acid	C16:1	Maximum 1.00
Stearic Acid	C18:0	1.00 – 4.00
Oleic Acid	C18:1 (n-9)	68.00 – 85.00
Linoleic Acid	C18:2 (n-6)	8.00 – 15.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.50

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.