

TECHNICAL DATA SHEET

Product Name	CHERRY KERNEL OIL
Botanical Name	Prunus avium
Product Code	PCO4050
CAS #	8022-29-5 ; 85566-22-9
EINECS #	287-632-2
INCI Name	Prunus Avium (Cherry) Kernel Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden yellow colored liquid
Odour	Characteristic mild nutty odour
Refractive Index	1.463 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.925 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	120 - 135
Free Fatty Acids (% oleic)	Less than 0.5
Acid Value (mgKOH/g)	Less than 1.0
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	5.50 – 10.00
Stearic Acid	C18:0	Maximum 4.0
Oleic Acid	C18:1 (n-9)	23.00 – 45.00
Linoleic Acid	C18:2 (n-6)	40.00 – 55.00
Alpha-Linolenic Acid	C18:3 (n-3)	3.00 – 13.00
Arachidic Acid	C20:0	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.