

TECHNICAL DATA SHEET

Product Name	NEEM OIL
Botanical Name	Azadirachta indica
Product Code	PCO4061
CAS #	8002-65-1 ; 90063-92-6
EINECS #	290-052-2
INCI Name	Melia Azadirachta (Neem) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Golden yellow to reddish brown colored liquid
Odour	Characteristic herbaceous, bitter odour
Refractive Index	1.461 - 1.471 @ 40°C
Specific Gravity (g/mL)	0.910 - 0.950 @ 20°C
Moisture and Insoluble Impurities (%)	Maximum 0.3
Saponification Value (mgKOH/g)	175 - 205
Unsaponifiable Matter (%)	Maximum 2.0
Peroxide Value (meq O₂/kg)	Less than 20.0
Iodine Value (g I₂/100g)	65 - 80
Azadirachtin Content (ppm)	Greater than 1000
Acid Value (mgKOH/g)	Less than 15.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

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