



PRODUCT SPECIFICATIONS

PRODUCT NAME:	HAZEL NUT OIL	CAS NO. 68956-68-3
PRODUCT CODE:	EHN	EINECS 273-313-5
INCI NAME:	<i>CORYLUS AVELLANA (HAZEL) SEED OIL</i>	JCLS 42-520951

DESCRIPTION: Refined, bleached and deodorized triglyceride (triacylglycerol) oil mechanically extracted from hazelnuts. The product is clear, slightly yellow and nearly odorless. Hazel Nut Oil is a light oil that can be used interchangeably with sweet almond oil. It is known to be beneficial for oily skin as the only fixed nut oil with an astringent quality. This oil is high in oleic acid, and is applicable in color cosmetics and skin care products.

PRODUCT SPECIFICATION	ANALYTICAL METHOD	
Acid Value, mg KOH/g	AOCS Official Method, Cd 3d-63	1 max.
Color, Lovibond (5 ¼" cell)	AOCS Official Method, Cc 13e-92	20 Y / 2 R max.
Peroxide Value, meq O ₂ /kg	AOCS Official Method, Cd 8-53	Drums: 5 max. Pails: 8 max.
*Fatty Acid Composition, area %	AOCS Official Method, Ce 1-62	
Palmitic	C 16:0	3 – 10
Palmitoleic	C 16:1	1 max.
Stearic	C 18:0	1 – 4
Oleic	C 18:1	70 – 84
Linoleic	C 18:2	9 – 20
Linolenic	C 18:3	2 max.

**Ranges listed above are normal values. Variations in these values are due to seasonal influences and do not affect quality.*

TYPICAL PROPERTY

Typical properties are not product specifications. They may be derived from information reported in the literature or from independent measurements. They are provided to assist with applications.

Iodine Value, cg I/g	AOCS Official Method, Cd 1d-92	80 – 102
Refractive Index, 40 °C	AOCS Official Method, Cc 7-25	1.461 - 1.464
Saponification Value, mg KOH/g	AOCS Official Method, Cd 3-25	188 – 195
Specific Gravity, 25 °C	AOCS Official Method, Cc 10c-95	0.91 - 0.93

PACKAGE SIZE	Net Weight (kgs)	Net Weight (lbs)	SHELF LIFE*
5 Gallon Pail	18	38	18 months from date of packaging
55 Gallon Drum	190	420	18 months from date of manufacture
58 Gallon Drum	200	440	18 months from date of manufacture

***Storage and Shelf Life:** Product should be stored in closed containers in a well-ventilated, cool (< 35°C) area. Shelf life is as stated above, provided material is stored in original sealed container.