

Nara Oil - Technical Data Sheet

PRODUCT IDENTIFICATION

Product name:	!Nara oil
Botanical name:	Acanthosicyos horridus
INCI name:	Acanthosicyos horridus Seed Oil
	CAS # 68956-68-3
	EC # 273-313-5
Part used:	Kernels
Extraction method:	Cold pressed
Quality:	100% pure and natural

APPLICATION

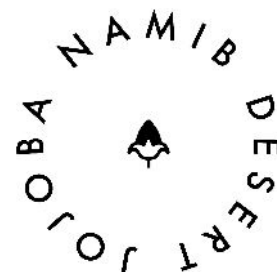
The !Nara plant is endemic to Namibia and grows in the dry desert region along the Atlantic coastline. Almost lime green in colour, this thorny creeper bears spiky fruits which are highly nutritious and eaten by gemsbok, jackal, hyena and porcupine alike. Dried, roasted and baked, the !Nara fruit is a delicacy for the Topnaar people who live along the lower Kuiseb river. Traditionally, !Nara oil is used after light sunburns, for wound healing and general skin protection.

The cold pressed !Nara seed oil is rich in vitamins & antioxidants and has a high omega 6 fatty content which repairs and regenerates dry, sensitive skin, leaving it nourished, balanced and toned.

NAMIB DESERT JOJOBA OIL PRODUCERS CC

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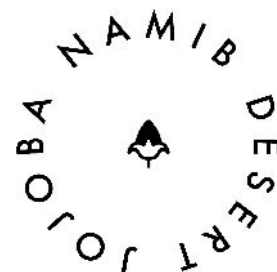


GENERAL PROPERTIES

PROPERTIES:	SPECIFICATIONS:	LAST RESULTS
Liquid:	at 25 °C	
Color:	yellow to golden	
Odor:	slightly nutty, avocado scent	
Taste:	slightly nutty	
Specific Gravity:	<i>not yet defined</i>	0.922
Iodine Value:	<i>not yet defined</i>	129
Saponification:	<i>not yet defined</i>	180 mg (KOH/g)
Peroxide value mEq O ₂ /kg	<10.0	
Acid value mg KOH/g	<6.0	
Mould and yeast cfu/g	<100	

FATTY ACID COMPOSITION

FATTY ACID	C-CHAIN		SPECIFICATIONS (%)	LAST RESULTS (%)
Total Fat			<i>not yet defined</i>	97.65
Miristic Acid	C14:0		<i>not yet defined</i>	0.095
Palmitic Acid	C16:0		<i>not yet defined</i>	11.195
Palmitoleic Acid	C16:1	Omega 7	<i>not yet defined</i>	0.08
Stearic Acid	C18:0		<i>not yet defined</i>	7.04
Oleic Acid	C18:1	Omega 9	<i>not yet defined</i>	22.108
Linoleic Acid	C18:2	Omega 6	<i>not yet defined</i>	55.21
Arachic Acid	C20:0		<i>not yet defined</i>	0.28
<u>Omega 3 combined</u>		Omega 3	<i>not yet defined</i>	0.426
a-linolenic Acid	C18:3		<i>not yet defined</i>	0.117
Eicosapentaenoic acid	C20:5		<i>not yet defined</i>	0.034
Docosahexaenoic acid	C22:6		<i>not yet defined</i>	0.276



STORAGE

Store in a cool, dry and well ventilated place in the original sealed container in order to minimize contamination. Keep away from heat, direct sunlight, acids, oxidizing agents and all sources of ignition.

This vegetable oil is very stable and has a shelf life of up to 2 years.

Cool temperatures may result in coagulation of the fat molecules and appearance of “ghosts” in the oil. Slow and gentle reheating of the oil allows the “ghosts” to disappear.

COMPANY IDENTIFICATION

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