

Tel: +27(0) 51 943 0317

PO BOX 35;

Mobile: +27(0) 83 303 8253

CLOCOLAN 9735;

E-mail: [info@highlandessentialoils.co.za](mailto:info@highlandessentialoils.co.za)

SOUTH AFRICA



[www.highlandessentialoils.co.za](http://www.highlandessentialoils.co.za)

# MORINGA COLD PRESSED OIL

TECHNICAL DATA SHEET				
PRODUCT INFORMATION		PHYSICAL PROPERTIES	min	max
PRODUCT INCI NAME	Moringa oleifera seed oil	SPECIFIC GRAVITY	0.9	0.92
BOTANICAL NAME	Moringa oleifera	REFRACTIVE INDEX 20°C		
PLACE OF ORIGIN	Zambia	SOLUBILITY IN WATER	Insoluble	
EXTRACTION METHOD	Cold Pressed Oil	PEROXIDE Value	<10 meqO2/kg	
PART OF PLANT USED	Seeds	ACID VALUE	<6	
CULTIVATION	Field grown and Wild harvest GMO free	FLASH POINT	60°C	
SHELF LIFE	1 Year	BOILING POINT	180	
CAS-EINECS		SAPONIFICATION VALUE	176-196	
CAS N°	93165-54-9	CHEMICAL PROPERTIES		
CHEMICAL IDENTIFICATION	Moringa Oil	MYRISTIC ACID	C14:0	<0.5%
FEMA		PAMITIC ACID	C16:0	2-10%
EINECS / ELINCS		PAMITOLEIC ACID	C16:1	1-5%
REACH PRE-REG.		MARGARIC ACID	C17:1	
OTHER NAMES		STEARIC ACID	C18:0	2-8%
PURE & NATURAL	100% Pure and Natural - no adulteration	OLEIC ACID	C18:1	60-80%
USES	carrier oil Cosmetics	LINOLEIC ACID	C18:2	<1%
ORGANOLEPTIC PROPERTIES		ALPHA- LINOLENIC ACID	C18:3	<0.5%
ASPECT	Limpid oil without any trouble	ARACHIDIC ACID	C20:0	2-5%
COLOR	light yellow	EICOSENOIC	C20:1	<4%
ODOUR	Characteristic nutty	BEHENIC	C22:0	3-8%
		LIGNOCERIC	C24:0	<2%
STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.				