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MANKETTI OIL

TECHNICAL DATA SHEET

PRODUCT INFORMATION		PHYSICAL PROPERTIES	
PRODUCT INCI NAME	Schinziophyton rautanenii kernel oil	DENSITY 20°C	0.9236
BOTANICAL NAME	Schinziophyton rautanenii / Riconodendron Rautanenii	REFRACTIVE INDEX 20°C	1.4876
PLACE OF ORIGIN	Zambia	OPTICAL ROTATION (°)	
EXTRACTION METHOD	Cold pressed	SOLUBILITY IN WATER	Insoluble
PART OF PLANT USED	Nuts	FLASH POINT	220°C
CULTIVATION	Wild harvested GMO free	BOILING POINT	
SHELF LIFE	18 Months	PEROXIDE VALUE	<10
CAS-EINECS		SAP VALUE	190-205
CAS N°	68956-68-3 / 90063-86-8	UNSATURATION	0.61
CHEMICAL IDENTIFICATION		IODINE VALUE	105-145
FEMA		FREE FATTY ACIDS	2.94
FDA #		CHEMICAL PROPERTIES	
EINECS / ELINCS		MYRISTIC ACID	C14:0
REACH PRE-REG.		PALMITIC ACID	C16:0 7.4-9.2%
OTHER NAMES	Mongongo / Manketti Ngongo / Mukusu	PALMITOLEIC	C16:1 >1.1%
USES	Cosmetic / food	MARGARIC ACID	C17:1 0.04%
PURE & NATURAL	100% Pure & natural - no adulteration	STEARIC ACID	C18:0 8-11%
ORGANOLEPTIC PROPERTIES		OLEIC ACID	C18:1 10-18%
ASPECT	Liquid	LINOLEIC ACID	C18:2 38-47%
COLOR	Light yellow to orange	ALPHA- LINOLENIC ACID	C18:3 18.30%
ODOUR	Nutty	ARACHIDIC ACID	C20:0 25%
		ERUCIC ACID	5-7.3%

STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.