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TAGETE MINUTA ESSENTIAL OIL

TECHNICAL DATA SHEET

PRODUCT INFORMATION		PHYSICAL/CHEMICAL PROPERTIES		
PRODUCT INCI NAME	Tagete minuta (Tagete)oil		min	max
BOTANICAL NAME	Tagetes minuta, L.	DENSITY 20°C	0.837	0.985
COUNTRY OF ORIGIN	South Africa	REFRACTIVE INDEX 20°C	1.425	1.528
EXTRACTION METHOD	Distillation	OPTICAL ROTATION (°)	-15	5
PART OF PLANT USED	Leaves, flowers, seed	SOLUBILITY IN WATER	Insoluble	
CULTIVATION	Field grown GMO free	FLASH POINT °C	59	
SHELF LIFE	5 years	BOILING POINT °C	180	
CAS-EINECS	91770-75-1	CHEMICAL PROPERTIES		
CAS N°	8016-84-0	TERTHIOPHENE/ ALPHATERTHIENYL(%)	<0.35	tested in future
CHEMICAL IDENTIFICATION	Tagetes minuta, oil	CIS BETA OCIMENE (%)	25	55
FEMA	3040	DIHIDROTAGETONE (%)	5	25
FDA #	172.51	C & T-TAGETONE (%)	5	20
EINECS / ELINCS	294-862-7	C & T -TAGETENONE (%)	10	30
REACH PRE-REG.	05-2114515649-41-0000	LIMONENE (%)	3	9
OTHER NAMES	South Africa Marigold			
USES	Food / Aroma / Cosmetic / Insect repelling			
PURE & NATURAL	100% Pure - no adulteration			
ORGANOLEPTIC PROPERTIES				
ASPECT	Liquid			
COLOR	Pale to deep orange			
ODOUR	Fruity Citric Herbaceous			
STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.				