

TECHNICAL DATA SHEET

DATE: 19.01.2020
PRODUCT: TEA TREE CHINA OIL
CODE: 100528600

CAS-EINECS 85085-48-9
CAS N° 68647-73-4
CHEMICAL IDENTIFICATION Melaleuca alternifolia, oil
FEMA 3902
INDEX NUM. / INVENTORY NUM. -
EINECS / ELINCS 285-377-1.
BOTANICAL NAME Melaleuca alternifolia, Cheel.
FLASH POINT 57°C
BOILING POINT -
FORMULA -
M.W. -

ORGANOLEPTIC PROPERTIES

ASPECT LIQUID
COLOR COLORLESS - PALE YELLOW
ODOUR CONIFEROUS, MINTY, TERPENIC

CHEMICAL AND PHYSICAL PROPERTIES

	MIN	MAX
DENSITY 20°C	0,885	0,906
REFRACTIVE INDEX 20°C	1,4750	1,4820
OPTICAL ROTATION (°)	5,0	15,0
ALPHA PINENE (%)	1,00	6,00
SABINENE (%)		3,50
ALPHA TERPINENE (%)	5,00	13,00
LIMONENE (%)	0,50	4,00
PARACIMENE (%)	0,50	8,00
CINEOL (%)		15,00
TERPINENE GAMMA (%)	10,00	28,00
TERPINOLENE (%)	1,50	5,00
TERPINEN-4-OL (%)	30,00	48,00
TERPINEOL ALPHA (%)	1,50	8,00
AROMADENDRENE (%)		3,00
LEDENE-INT		3,00
DELTA-CADINENE (%)		3,00



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GLOBULOL (%)	1,00
VIRIDIFLOROL (%)	1,00

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