

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 24/02/20 **PRINT DATE** 17/04/24

PRODUCT	TEA TREE OIL BIO
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	TEA TREE OIL
PLANT OF ORIGIN	Melaleuca alternifolia
PART OF THE PLANT	LEAVES AND TWIGS
SYNONYMS	TEA TREE OIL, TTO
CAS	85085-48-9
CAS 2	68647-73-4
EINECS	285-377-1
FEMA	3902
TARIFF NUMBER	3301294900

REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRESH, TERPENIC, SPICY-EARTHY ODOUR
TASTE	
DENSITY AT 20°C (g / ml)	0,880 - 0,904
DENSITY 25/25	-
REFRACTIVE INDEX n_{D20}	1,4760 - 1,4820
REFRACTIVE INDEX n_{D25}	-
OPTICAL ROTATION (°)	6,00 / 10,00
BOILING POINT (°C)	115 - 270
MELTING POINT (°C)	
FLASH POINT (°C)	55,00
ASSAY (% GC)	TERPINEN-4-OL > 38% - TOTAL TERPENES: ~75%
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.