

SPECIFICATION SHEET

VERSION 7,00	VERSION DATE 25/01/23	PRINT DATE	04/05/24
PRODUCT	TEA TREE OIL Industrial raw material not intended for direct use.		
APPLICATIONS IUPAC NAME	TEA TREE OIL		
PLANT OF ORIGIN PART OF THE PLANT	Melaleuca alternifolia LEAVES AND TWIGS		
SYNONYMS	TEA TREE OIL, TTO		
CAS	85085-48-9		
CAS 2 EINECS	68647-73-4 285-377-1		
FEMA TARIFF NUMBER	3902 3301294900		

REACH REGISTRATION NO. 0

On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°CCLEAR MOBILE LIQUIDCOLOURCOLORLESS TO PALE YELLOWODOURFRESH, TERPENIC, SPICY-EARTHY ODOURTASTE-DENSITY AT 20°C (g / ml)0,885 - 0,906DENSITY 25/25-REFRACTIVE INDEX nD201,4750 - 1,4820REFRACTIVE INDEX nD25-OPTICAL ROTATION (°)5,00 / 15,00BOILING POINT (°C)115 - 270HELTING POINT (°C)57,00ASSAY (% GC)ACID VALUE (mg KOH/g)ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER TECHNICAL DATA-		
ODOURFRESH, TERPENIC, SPICY-EARTHY ODOURTASTEDENSITY AT 20°C (g / ml)0,8850,906DENSITY 25/25-REFRACTIVE INDEX nD201,47501,4820REFRACTIVE INDEX nD25-OPTICAL ROTATION (°)5,00/ 15,00BOILING POINT (°C)115 - 270MELTING POINT (°C)57,00ASSAY (% GC)-ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE IN ETHANOL	ASPECT AT 20°C	CLEAR MOBILE LIQUID
TASTE 0,885 0,906 DENSITY 25/25 - REFRACTIVE INDEX nD20 1,4750 1,4820 REFRACTIVE INDEX nD25 - OPTICAL ROTATION (°) 5,00 / 15,00 BOILING POINT (°C) 115 - 270 MELTING POINT (°C) 57,00 ASSAY (% GC) - ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL	COLOUR	COLORLESS TO PALE YELLOW
DENSITY AT 20°C (g / ml) 0,885 - 0,906 DENSITY 25/25 - REFRACTIVE INDEX nD20 1,4750 - 1,4820 REFRACTIVE INDEX nD25 - OPTICAL ROTATION (°) 5,00 / 15,00 BOILING POINT (°C) 115 - 270 MELTING POINT (°C) 57,00 ASSAY (% GC) - ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL	ODOUR	FRESH, TERPENIC, SPICY-EARTHY ODOUR
DENSITY 25/25-REFRACTIVE INDEX nD201,4750- 1,4820REFRACTIVE INDEX nD25-OPTICAL ROTATION (°)5,00/ 15,00BOILING POINT (°C)115 - 270MELTING POINT (°C)57,00ASSAY (% GC)-ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE IN ETHANOL	TASTE	
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REFRACTIVE INDEX nD25 - OPTICAL ROTATION (°) 5,00 / 15,00 BOILING POINT (°C) 115 - 270 MELTING POINT (°C) 57,00 ASSAY (% GC) 57,00 ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL	DENSITY 25/25	- ·
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BOILING POINT (°C)115 - 270MELTING POINT (°C)57,00FLASH POINT (°C)57,00ASSAY (% GC)-ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE IN ETHANOL	REFRACTIVE INDEX nD25	• • • • • • • • • • • • • • • • • • •
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FLASH POINT (°C) 57,00 ASSAY (% GC) - ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL	BOILING POINT (°C)	115 - 270
FLASH POINT (°C) 57,00 ASSAY (% GC) - ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL	MELTING POINT (°C)	
ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL		57,00
ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL	ASSAY (% GC)	
SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL		-
OTHER SOLUBILITIES SOLUBLE IN ETHANOL		INSOLUBLE IN WATER
	VAPOUR PRESSURE	
	OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA		
OTHER TECHNICAL DATA		
VINER IECHNICAL DATA	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.