ventos
LEADERS IN ESSENCE

SPECIFICATION SHEET

VERSION	2,00	**VERSION DATE**	19/09/22	**PRINT DATE**	29/03/24

PRODUCT	LEMON OIL, PESTICIDE FREE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	LEMON OIL
PLANT OF ORIGIN	Citrus limonum (L). Burm. f.
PART OF THE PLANT	FRUIT PEELS
SYNONYMS	NATURAL LEMON, PESTICIDES FREE
CAS	84929-31-7
CAS 2	8008-56-8
EINECS	284-515-8
FEMA	2625
TARIFF NUMBER	3301131000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20ºC	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	FRESH, CITRIC, INTENSE	
TASTE	LEMON-LIKE	
DENSITY AT 20ºC (g / ml)	0,842	- 0,852
DENSITY 25/25		-
REFRACTIVE INDEX nD20	1,4700	- 1,4800
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (º)	55,00	/ 70,00
BOILING POINT (ºC)	-	
MELTING POINT (ºC)		
FLASH POINT (ºC)	42,00	
ASSAY (% GC)	LIMONENE:60-70%, GAMMA-TERPINENE:6-12%, CITRAL>2%	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	
OTHER TECHNICAL DATA	PESTICIDES < 1ppm. PESTICIDES REDUCTION BY PHYSICAL PROCESS. RECOMMENDED USE LEVEL: 0,5 - 30%	

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.

PURGE HEADSPACE WITH NITROGEN.

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.