

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 10/05/24

PRODUCT	LEMON OIL PHASE (LEMON ESSENCE)
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	OILS, LEMON
PLANT OF ORIGIN	Citrus limonum (L). Burm. f.
PART OF THE PLANT	FRUIT
SYNONYMS	LEMON OIL DISTILLED
CAS	84929-31-7
CAS 2	8008-56-8
EINECS	284-515-8
FEMA	2625
TARIFF NUMBER	3301131000
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Exempt from registration (according to article 2.5 of REACH)

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS	
ODOUR	LEMON	
TASTE		
DENSITY AT 20°C (g / ml)	0,847	- 0,853
DENSITY 25/25	-	
REFRACTIVE INDEX nD20	1,4700	- 1,4750
REFRACTIVE INDEX nD25	-	
OPTICAL ROTATION (°)	64,00	/ 74,00
BOILING POINT (°C)	-	
MELTING POINT (°C)		
FLASH POINT (°C)	43,00	
ASSAY (% GC)	-	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	NEGLIGIBLE	
VAPOUR PRESSURE	> 1 (20°C mm Hg)	
OTHER SOLUBILITIES		

OTHER TECHNICAL DATA ALDEHYDES CONTENTS: 1-4% - PEROXIDE INDEX < 20 mmol/L - 100% PURE AND NATURAL PRODUCT

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.

Contains 300 ppm of DL Alfa Tocopherol. 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.