

## SPECIFICATION SHEET

**VERSION** 2,00 **VERSION DATE** 14/02/23 **PRINT DATE** 04/07/24

<b>PRODUCT</b>	ETHYL LINOLENATE	
<b>APPLICATIONS</b>	Industrial raw material not intended for direct use.	
<b>IUPAC NAME</b>	ETHYL LINOLENATE	
<b>SYNONYMS</b>	VITAMINE F; 9,12,15-OCTADECATRIENOIC ACID, ETHYL ESTER	
<b>FORMULA</b>	C20 H34 O2	
<b>MOLECULAR WEIGHT</b>	306,50	
<b>CAS</b>	1191-41-9	
<b>EINECS</b>	214-734-6	$\text{CH}_3(\text{CH}_2\text{CH}=\text{CH})_3\text{CH}_2(\text{CH}_2)_6\text{COOCH}_2\text{CH}_3$
<b>TARIFF NUMBER</b>	2916150000	

**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR LIQUID / SOLID	
<b>COLOUR</b>	PALE YELLOW - YELLOW	
<b>ODOUR</b>	FATTY, HAY	
<b>TASTE</b>		
<b>DENSITY AT 20°C (g / ml)</b>	0,881	- 0,886
<b>DENSITY 25/25</b>	-	
<b>REFRACTIVE INDEX nD20</b>	1,4600	- 1,4650
<b>REFRACTIVE INDEX nD25</b>	-	
<b>OPTICAL ROTATION (°)</b>	/	
<b>BOILING POINT (°C)</b>	218°C (15 mm Hg)	
<b>MELTING POINT (°C)</b>		
<b>FLASH POINT (°C)</b>	165,00	
<b>ASSAY (% GC)</b>	42-60%;ETHYL OLEATE 12-24%;ETHYL LINOLEATE 12-20%	
<b>ACID VALUE (mg KOH/g)</b>	< 3	
<b>SOLUBILITY</b>	INSOLUBLE IN WATER	
<b>VAPOUR PRESSURE</b>	NOT DETERMINED	
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL	

**OTHER TECHNICAL DATA** IN PERFUMERY, IT IMPARTS THE CHARACTERISTIC SCENT OF CERTAIN ABSOLUTES. IT IS USED IN COSMETICS FOR ITS REGENERATIVE PROPERTIES IN EPIDERMIS CELLS. NATURE IDENTICAL (IDENTIFIED IN GRAPEFRUIT AND COGNAC).

### 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.  
IF NECESSARY, HEAT AND STIRR UNTIL COMPLETE MELTING AND HOMOGENISATION

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.