

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 14/02/23 **PRINT DATE** 28/04/24

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

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

SPECIFICATIONS

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