SPECIFICATION SHEET

VERSION	2	**VERSION DATE**	27/01/23	**PRINT DATE**	25/11/26

PRODUCT	ACIDE OLEIQUE NATUREL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	OLEIC ACID
PLANT OF ORIGIN	Elaeis guineensis
PART OF THE PLANT	KERNEL
FORMULA	$C_{18}H_{34}O_2$
MOLECULAR WEIGHT	282
CAS	67701-08-0
CAS 2	112-80-1
EINECS	266-932-7
EINECS 2	204-007-1
FEMA	2815
FDA	172.860
TARIFF NUMBER	2916150000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	YELLOW
DENSITY AT 20°C (g / ml)	–
DENSITY 25/25	–
REFRACTIVE INDEX nD20	–
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	365°C
MELTING POINT (°C)	ca. 13
FLASH POINT (°C)	180
ASSAY (% GC)	SUM C18 >93%, C16 & BELOW <9%, C20 & ABOVE <1,5%
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	oleic (C18:1) >78% ; stearic (C18:0) + oleic (C18:1) + linoleic (C18:2) + linolenic (C18:3) + palmitic (C16) >95,5%

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.

PRODASYNTH SAS
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