SPECIFICATION SHEET

VERSION	1	VERSION DATE	13/12/20	PRINT DATE	23/04/24

PRODUCT	ACIDE CAPRIQUE NATUREL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	DECANOIC ACID
SYNONYMS	NATURAL CAPRIC/DECYLIC ACID
PLANT OF ORIGIN	Elaeis guineensis
PART OF THE PLANT	KERNEL / PALME OIL
FORMULA	$C_{10}H_{20}O_2$
MOLECULAR WEIGHT	172
CAS	334-48-5
EINECS	206-376-4
FEMA	2364
CoE	11
FDA	172.860
TARIFF NUMBER	2915907090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	SOLID
COLOUR	WHITE
ODOUR	CHARACTERISTIC, RANCID
DENSITY AT 20°C (g / ml)	–
DENSITY 25/25	–
REFRACTIVE INDEX nD20	–
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	268-270
MELTING POINT (°C)	29-34
FLASH POINT (°C)	110
ASSAY (% GC)	>98%
SOLUBILITY	0.015 G SOLUBLE IN 100G OF WATER AT 25°C - SOLUB
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

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
Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z
PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynth.com