

## **SPECIFICATION SHEET**

**VERSION** 1 **VERSION DATE** 13/12/20 **PRINT DATE** 28/11/25

**PRODUCT** ACIDE CAPRIQUE NATUREL

**APPLICATIONS** Industrial raw material not intended for direct use.

IUPAC NAME NATURAL 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 334-48-5 206-376-4 **EINECS FEMA** 2364 CoE 11 **FDA** 172.860 TARIFF NUMBER 2915907090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## **SPECIFICATIONS**

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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 PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE 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.