

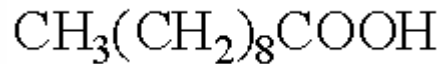
SPECIFICATION SHEET

VERSION 5,00 **VERSION DATE** 06/04/16 **PRINT DATE** 23/10/21

PRODUCT DECANOIC ACID NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME DECANOIC ACID
SYNONYMS NATURAL CAPRIC/DECYLIC ACID

PLANT OF ORIGIN Elaeis guineensis
PART OF THE PLANT PALM OIL
FORMULA C10 H20 O2
MOLECULAR WEIGHT 172,00
CAS 334-48-5

EINECS 206-376-4



FEMA 2364
TARIFF NUMBER 2915907090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

REACH REGISTRATION NO. 01-2120139722-58

SPECIFICATIONS

ASPECT AT 20°C CRYSTALLINE SOLID
COLOUR WHITE
ODOUR RANCID, FATTY
TASTE
DENSITY A 20°C (g / ml) -
DENSITY 25/25 -
REFRACTIVE INDEX nD20 -
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 268
MELTING POINT (°C) 30-34; SOLIDIFICATION 27-32
FLASH POINT (°C) 101,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) 320-329
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA IODINE VALUE <0,6 gI2/100 g. UNSAPONIFIABLE MATTER <0,2%. WATER <0,2%. RESIDUE ON IGNITION <0,1%. SAPONIFICATION VALUE 320-331 mg KOH/g.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.