

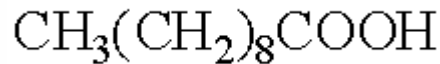
## SPECIFICATION SHEET

**VERSION** 5,00      **VERSION DATE** 06/04/16      **PRINT DATE** 30/11/21

**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.