



## SPECIFICATION SHEET

**VERSION** 1

**VERSION DATE** 26/08/96

**PRODUCT** CAPRIC ACID, NATURAL  
**IUPAC NAME** NATURAL DECANOIC ACID  
**SYNONYMS** NATURAL CAPRIC/DECYLIC ACID

**PLANT OF ORIGIN** PALM  
**PART OF THE PLANT USED** KERNEL  
**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  
**REACH REGISTRATION NO.** Exempt from registration  
(according to Annex V to REACH)

## SPECIFICATIONS

**ASPECT AT 20°C** SOLID  
**COLOUR** WHITE  
**ODOUR** CHARACTERISTIC, RANCID  
**DENSITY AT 20°C (g/ml)** 0,878 – 0,879  
**REFRACTIVE INDEX  $n_D^{20}$**  1,428 – 1,43  
**BOILING POINT (°C)** 268 - 270  
**MELTING POINT (°C)** 29 - 34  
**FLASH POINT (°C)** 101  
**ASSAY (%GC)** > 98  
**SOLUBILITY** 0,015 GRS SOLUBLE IN 100GRS WATER ~ AT 25 °C –  
SOLUD  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL



**CHEMDONE**  
FROM IDEA TO PRODUCTION

## **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.**

