# SPECIFICATION SHEET

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| **VERSION** | 3 | **VERSION DATE** | 07/07/26 | **PRINT DATE** | 25/11/26 |

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| **PRODUCT** | ACIDE CAPROIQUE NATUREL |
| **APPLICATIONS** | Industrial raw material not intended for direct use. |
| **IUPAC NAME** | HEXANOIC ACID |
| **SYNONYMS** | CAPROIC ACID, CAPRONIC ACID |
| **PLANT OF ORIGIN** | Elaeis guineensis/Cocos nucifera |
| **PART OF THE PLANT** | PALM OIL/COCONUT OIL |
| **FORMULA** | $C_6 H_{12} O_2$ |
| **MOLECULAR WEIGHT** | 116 |
| **CAS** | 142-62-1 |
| **EINECS** | 205-550-7 |
| **FEMA** | 2559 |
| **CoE** | 9 |
| **FDA** | 172.515 |
| **TARIFF NUMBER** | 2915909095 |
| **KOSHER CERTIFICATE** | AVAILABLE ON REQUEST |
| **FOOD GRADE CERTIFICATE** | AVAILABLE ON REQUEST |

# SPECIFICATIONS

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| **ASPECT AT 20°C** | CLEAR MOBILE LIQUID |
| **COLOUR** | COLORLESS TO PALE YELLOW |
| **ODOUR** | FATTY, CHEESE, SOUR |
| **TASTE** | CHEESE, FRUITY, PHENOLIC, FATTY |
| **DENSITY AT 20°C (g / ml)** | – |
| **DENSITY 25/25** | – |
| **REFRACTIVE INDEX nD20** | – |
| **REFRACTIVE INDEX nD25** | – |
| **OPTICAL ROTATION (°)** | / |
| **BOILING POINT (°C)** | 204 - 206 |
| **MELTING POINT (°C)** | CA. -4°C |
| **FLASH POINT (°C)** | 110 |
| **ASSAY (% GC)** | > 98 |
| **ACID VALUE (mg KOH/g)** | - |
| **SOLUBILITY** | SLIGHTLY SOLUBLE IN WATER |
| **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.
STORE IN POLYETHENE LINED CONTAINERS.

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