



SPECIFICATION SHEET

VERSION 1

VERSION DATE 20/05/15

PRODUCT ETHYL PALMITATE, NATURAL
IUPAC NAME ETHYL HEXADECANOATE
SYNONYMS ETHYL CETYLATE

FORMULA $C_{18}H_{36}O_2$
MOLECULAR WEIGHT 284
CAS 628-97-7
EINECS 211-064-4
CoE 634
TARIFF NUMBER 2915704000
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration
(imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C SOLID OR PASTE/ LIQUID
COLOUR WHITE SOLID/ COLORLESS LIQUID
ODOUR MILD, WAXY
DENSITY AT 20°C (g/ml) 0,853– 0,873
REFRACTIVE INDEX nD20 1,435 – 1,445
BOILING POINT (°C) 303
MELTING POINT (°C) 24 - 26
FLASH POINT (°C) 110
ASSAY (%GC) > 96
ACID VALUE (mg KOH/mg) -
SOLUBILITY INSOLUBLE 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.