

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 28/11/22 **PRINT DATE** 21/12/24

PRODUCT 2,3-PENTANEDIONE NATURAL EU

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 2,3-PENTANEDIONE

SYNONYMS ACETYL PROPIONYL, 2,3-PENTANODIONE

PLANT OF ORIGIN PART OF THE PLANT

 FORMULA
 C5 H8 O2

 MOLECULAR WEIGHT
 100,12

 CAS
 600-14-6

EINECS 209-984-8

FEMA 2841

TARIFF NUMBER 2914199090

KOSHER CERTIFICATE AVAILABLE ON REQUEST **FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST

REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID

COLOUR YELLOW

ODOUR BUTTER, CHEESE, PUNGENT

TASTE

 DENSITY AT 20°C (g / ml)
 0,954
 - 0,966

 DENSITY 25/25
 0,952
 - 0,962

 REFRACTIVE INDEX nD20
 1,4020
 - 1,4060

REFRACTIVE INDEX nD25
OPTICAL ROTATION (°)
BOILING POINT (°C)
MELTING POINT (°C)
FLASH POINT (°C)
18,00

ASSAY (% GC) > 98% (SUM OF TAUTOMERS DIKETONE+ENOL); KETO>93%

ACID VALUE (mg KOH/g)

SOLUBILITY SOLUBLE IN WATER (60g/l 20°C)

VAPOUR PRESSURE 28,5 hPa (20°C) **OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED

FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

KEEP REFRIGERATED AND AWAY FROM SOURCES OF IGNITION. PURGE HEADSPACE WITH NITROGEN.

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.