

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 28/11/22 **PRINT DATE** 31/01/23

PRODUCT 2,3-PENTANEDIONE NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2,3-PENTANEDIONE
SYNONYMS ACETYL PROPIONYL, 2,3-PENTANODIONE

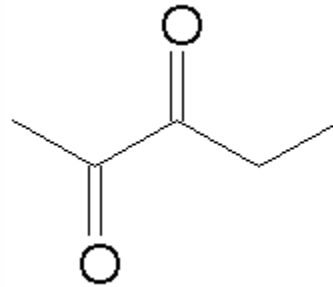
PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C5 H8 O2
MOLECULAR WEIGHT 100,12
CAS 600-14-6

EINECS 209-984-8

FEMA 2841
TARIFF NUMBER 2914199090

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)	108
MELTING POINT (°C)	-52
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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.