

SPECIFICATION SHEET

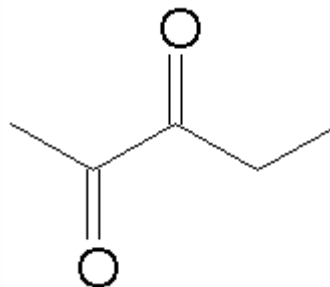
VERSION 5,00 **VERSION DATE** 29/04/11 **PRINT DATE** 23/10/21

PRODUCT 2,3-PENTANEDIONE
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 2,3-PENTANEDIONE
SYNONYMS ACETYL PROPIONYL

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 A 20°C (g / ml)	0,954 - 0,964
DENSITY 25/25	0,952 - 0,962
REFRACTIVE INDEX nD20	1,4020 - 1,4060
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	110 - 112
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	SLIGHTLY SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
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 9 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.