

SPECIFICATION SHEET

VERSION	4	VERSION DATE	19/09/22	PRINT DATE	22/08/25
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PRODUCT	ACETYL METHYL CARBINOL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	3-HYDROXI-2-BUTANONE
SYNONYMS	3-HYDROXY-2-BUTANONE, ACETOIN, ACETYLMETHYLCARBINO
FORMULA	C ₄ H ₈ O ₂
MOLECULAR WEIGHT	88
CAS	513-86-0
EINECS	208-174-1
FEMA	2008
CoE	749
FDA	182.60
TARIFF NUMBER	2914409090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR MOBILE LIQUID TO SOLID (DIMER)
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	BUTTER-LIKE
TASTE	BUTTER-LIKE
DENSITY AT 20°C (g / ml)	0,998-1,022
DENSITY 25/25	0,995-1,019
REFRACTIVE INDEX nD20	1,4170-1,4200
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	143
MELTING POINT (°C)	CA. 15 (MONOMER);110 (DIMER)
FLASH POINT (°C)	50
ASSAY (% GC)	> 97
ACID VALUE (mg KOH/g)	< 2
SOLUBILITY	SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA	PURGE HEADSPACE WITH NITROGEN. RECOMMENDED NOT TO PACK IN EPOXY-COATED STEEL DRUMS.
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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.
THE PRODUCT TENDS TO DIMERIZE UPON STORAGE; THIS PROCESS CAN BE REVERSED BY HEATING NOT ABOVE 60°C

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

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