

SPECIFICATION SHEET

VERSION	4	VERSION DATE	19/09/22	PRINT DATE	12/01/26
PRODUCT	ACETYL METHYL CARBINOL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	3-HYDROXI-2-BUTANONE				
SYNOMYS	3-HYDROXY-2-BUTANONE, ACETOIN, ACETYLMETHYLCARBINO				
FORMULA	<chem>C4H8O2</chem>				
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.		

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

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z
PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynth.com