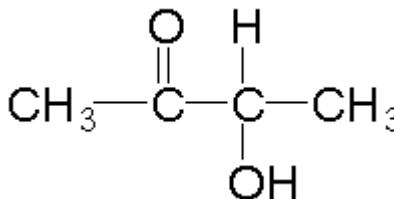


SPECIFICATION SHEET

VERSION	4,00	VERSION DATE	12/12/23	PRINT DATE	03/05/24
PRODUCT	ACETYL METHYL CARBINOL, NATURAL EU				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	3-HYDROXY-2-BUTANONE				
SYNONYMS	3-HYDROXY-2-BUTANONE, ACETOIN, ACETYLMETHYLCARBINO				
PLANT OF ORIGIN					
PART OF THE PLANT					
FORMULA	C ₄ H ₈ O ₂				
MOLECULAR WEIGHT	88,00				
CAS	513-86-0				
EINECS	208-174-1				
FEMA	2008				
TARIFF NUMBER	2914409090				
KOSHER CERTIFICATE	AVAILABLE ON REQUEST				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	Exempt from registration (according to article 2.5 of REACH)				



SPECIFICATIONS

ASPECT AT 20°C	MOBILE LIQUID TO SOLID
COLOUR	COLORLESS TO YELLOW
ODOUR	BUTTER-LIKE
TASTE	BUTTER-LIKE
DENSITY AT 20°C (g / ml)	1,005 - 1,025
DENSITY 25/25	1,005 - 1,019
REFRACTIVE INDEX n_D20	1,4170 - 1,4200
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	-39,40 / -20,00
BOILING POINT (°C)	140 - 148
MELTING POINT (°C)	CA. 15 (MONOMER); 110 (DIMER)
FLASH POINT (°C)	50,00
ASSAY (% GC)	> 96. CHIRAL QUALITY APPROX. RATIO L:D 70:30.
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	M.P. OF DIMER 115-125°C (IT DISSOCIATES AT T>20°C); MONOMER 15°C. FOR MELTING THE PRODUCT, THE RECOMMENDED TEMPERATURE IS <60°C. IF THE PRODUCT APPEARS AS POWDER (DIMER), DO NOT HEAT NOR MELT. DO NOT PACK IN STEEL DRUM.

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. IT CHANGES TO MONOMER (LIQUID) AT T>20°C. STORE TEMPERATURE < 15°C. 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.