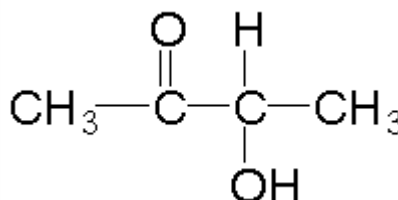


SPECIFICATION SHEET

VERSION	2,00	VERSION DATE	18/10/22	PRINT DATE	20/05/24
PRODUCT	ACETYL METHYL CARBINOL, US NATURAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	3-HYDROXY-2-BUTANONE				
SYNONYMS	3-HYDROXY-2-BUTANONE, ACETOIN, ACETYLMETHYLCARBINO				
FORMULA	C4 H8 O2				
MOLECULAR WEIGHT	88,00				
CAS	513-86-0				
EINECS	208-174-1				
FEMA	2008				
TARIFF NUMBER	2914409090				
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 (DIMER) / POWDER	
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 nD20	1,4170	- 1,4200
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (°)		/
BOILING POINT (°C)	140 - 148	
MELTING POINT (°C)	CA. 15 (MONOMER); 110 (DIMER)	
FLASH POINT (°C)	50,00	
ASSAY (% GC)	> 96 (RACEMIC QUALITY)	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	INSOLUBLE 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.
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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.
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.