

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/11/21 **PRINT DATE** 30/11/21

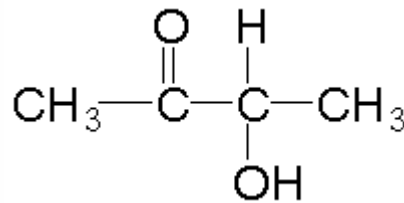
PRODUCT ACETYL METHYL CARBINOL, NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours.
IUPAC NAME 3-HYDROXY-2-BUTANONE
SYNONYMS 3-HYDROXI-2-BUTANONE

PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C₄ H₈ O₂
MOLECULAR WEIGHT 88,00
CAS 513-86-0

EINECS 208-174-1

FEMA 2008
TARIFF NUMBER 2914409000



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 A 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 (°)	/
BOILING POINT (°C)	140 - 148
MELTING POINT (°C)	CA. 15 (MONOMER); 110 (DIMER)
FLASH POINT (°C)	50,00
ASSAY (% GC)	> 96
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	MELTING POINT OF THE 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 A POWDER (DIMER), DO NOT HEAT NOR MELT.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.