

## SPECIFICATION SHEET

VERSION 4      VERSION DATE 19/09/22      PRINT DATE 28/11/25

**PRODUCT** METHYL CYCLOPENTENOLONE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 2-HYDROXY-3-METHYL-2-CYCLOPENTENONE  
**SYNONYMS** CYCLOTENE, CORYLONE, KETONAROME, MAPLE LACTONE

**FORMULA** C<sub>6</sub> H<sub>8</sub> O<sub>2</sub>  
**MOLECULAR WEIGHT** 112  
**CAS** 80-71-7  
**CAS 2** 765-70-8  
**EINECS** 201-303-2  
**EINECS 2** 212-154-8  
**FEMA** 2700  
**CoE** 758c  
**FDA** 172.515  
**TARIFF NUMBER** 2914409090  
**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST

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**ASPECT AT 20°C** CRYSTALLINE POWDER  
**COLOUR** WHITE - BEIGE  
**ODOUR** CARAMEL, SWEET  
**TASTE** SWEET  
**DENSITY AT 20°C (g / ml)** -  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** -  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** -  
**MELTING POINT (°C)** 104 - 108  
**FLASH POINT (°C)** 110  
**ASSAY (% GC)** > 99  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** 1 g/72 ml WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** 1 g/ 5 ml ETHANOL 90%

**OTHER TECHNICAL DATA** ANHYDROUS QUALITY. MAIN FORM IN THE PURE PRODUCT IS THE ENOL FORM.

## 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.

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

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