

SPECIFICATION SHEET

VERSION 4 VERSION DATE 19/09/22 PRINT DATE 01/09/24

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 ₆ H ₈ O ₂
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

SPECIFICATIONS

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

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com