

SPECIFICATION SHEET

VERSION 2 VERSION DATE 19/09/22 PRINT DATE 15/04/25

PRODUCT ALPHA IONONE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 4-(2,2,6)-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-O
SYNONYMS 4-(2,2,6)-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE

FORMULA C₁₃ H₂₀ O
MOLECULAR WEIGHT 192
CAS 127-41-3
EINECS 204-841-6
FEMA 2594
CoE 141
FDA 172.515
TARIFF NUMBER 2914230000

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ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR WOODY,WARM, VIOLET
DENSITY AT 20°C (g / ml) 0,926-0,936
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4950-1,5050
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 260°C
MELTING POINT (°C) <25°C
FLASH POINT (°C) 113
ASSAY (% GC) ALPHA-IONONE >70%; BETA 11-22%; GAMMA <8%
ACID VALUE (mg KOH/g) < 1
SOLUBILITY SOLUBLE IN WATER 0,27 g/l (25°C)
VAPOUR PRESSURE < 0,001 mm Hg (20 °C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL 70°

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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