

## SPECIFICATION SHEET

VERSION 2      VERSION DATE 19/09/22      PRINT DATE 13/12/25

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	C <sub>13</sub> H <sub>20</sub> 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

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