

## SPECIFICATION SHEET

VERSION 4 VERSION DATE 19/09/22 PRINT DATE 31/07/25

PRODUCT	BETA IONONE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	4(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE
SYNONYMS	BETA-IRISONE
FORMULA	C <sub>13</sub> H <sub>20</sub> O
MOLECULAR WEIGHT	192
CAS	79-77-6
CAS 2	14901-07-6
EINECS	201-224-3
EINECS 2	238-969-9
FEMA	2595
CoE	142
FDA	172.515
TARIFF NUMBER	2914230000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

## SPECIFICATIONS

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	PALE YELLOW TO YELLOW
ODOUR	WOODY,FRUITY,LESS VIOLET THAN ALPHA
DENSITY AT 20°C (g / ml)	0,943-0,948
DENSITY 25/25	0,940-0,945
REFRACTIVE INDEX nD20	1,5180-1,5220
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	CA. 267°C (1013 mbar)
MELTING POINT (°C)	CA. - 35°C
FLASH POINT (°C)	126
ASSAY (% GC)	> 97
ACID VALUE (mg KOH/g)	-
SOLUBILITY	POORLY SOLUBLE IN WATER (0,128 g/L at 25°C)
VAPOUR PRESSURE	0,0056 mbar (20°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

## 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.  
KEEP AWAY FROM LIGHT.

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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