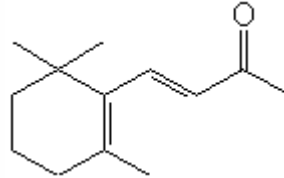


## SPECIFICATION SHEET

**VERSION** 4,00 **VERSION DATE** 04/12/14 **PRINT DATE** 08/08/22

**PRODUCT** IONONE BETA BASF  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of flavours and/or fragrances.  
**IUPAC NAME** 4(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE  
**SYNONYMS** BETA-IRISONE

**FORMULA** C13 H20 O  
**MOLECULAR WEIGHT** 192,00  
**CAS** 79-77-6  
**CAS 2** 14901-07-6  
**EINECS** 201-224-3  
**EINECS 2** 238-969-9  
**FEMA** 2595  
**TARIFF NUMBER** 2914230000



**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** 01-2119449921-34

### SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	PALE YELLOW TO YELLOW
<b>ODOUR</b>	WOODY,FRUITY,LESS VIOLET THAN ALPHA
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,943 - 0,948
<b>DENSITY 25/25</b>	0,940 - 0,945
<b>REFRACTIVE INDEX nD20</b>	1,5180 - 1,5220
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	CA. 267°C (1013 mbar)
<b>MELTING POINT (°C)</b>	CA. - 35°C
<b>FLASH POINT (°C)</b>	126,00
<b>ASSAY (% GC)</b>	> 97
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	POORLY SOLUBLE IN WATER (0,128 g/L at 25°C)
<b>VAPOUR PRESSURE</b>	0,0056 mbar (20°C)
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL

### OTHER TECHNICAL DATA

### 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.