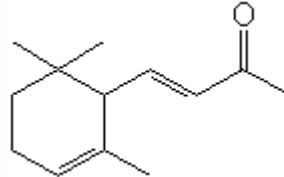


## SPECIFICATION SHEET

**VERSION** 1,00 **VERSION DATE** 27/07/05 **PRINT DATE** 04/07/24

<b>PRODUCT</b>	IONONE ALPHA IFF
<b>APPLICATIONS</b>	Industrial raw material not intended for direct use.
<b>IUPAC NAME</b>	4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ON
<b>SYNONYMS</b>	4-(2,2,6)-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE
<b>FORMULA</b>	C13 H20 O
<b>MOLECULAR WEIGHT</b>	192,00
<b>CAS</b>	127-41-3
<b>EINECS</b>	204-841-6
<b>FEMA</b>	2594
<b>TARIFF NUMBER</b>	2914230000



**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	WOODY, FLORAL, VIOLET, FRUITY
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,931 - 0,935
<b>DENSITY 25/25</b>	0,930 - 0,934
<b>REFRACTIVE INDEX nD20</b>	1,5010 - 1,5040
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	260°C
<b>MELTING POINT (°C)</b>	<25°C
<b>FLASH POINT (°C)</b>	113,00
<b>ASSAY (% GC)</b>	>92;ALPHA 69-76;GAMMA 3-8;BETA 13-20;PSEUDO <1
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	0,02 mbar (25°C)
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN WATER 0,27 g/l (25°C)

**OTHER TECHNICAL DATA** A FINE QUALITY OF ALPHA-IONONE. THIS IS THE MOST FLORAL AND MOST VIOLET-LIKE OF ALL IONONES. PEROXIDE INDEX < 10 mmol/L

### 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.  
IT CONTAINS 0,1% BHT

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.