

## SPECIFICATION SHEET

**VERSION** 4,00      **VERSION DATE** 19/09/22      **PRINT DATE** 17/07/24

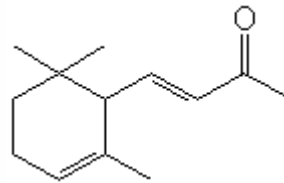
**PRODUCT** IONONE ALPHA 50% NATURAL  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2ONE  
**SYNONYMS** ALPHA-CYCLOCITRYLIDENEACETONE

**PLANT OF ORIGIN**  
**PART OF THE PLANT**

**FORMULA** C13 H20 O  
**MOLECULAR WEIGHT** 192,00  
**CAS** 127-41-3

**EINECS** 204-841-6

**FEMA** 2594  
**TARIFF NUMBER** 2914230000



**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** On request. REACH and non-REACH material available for this product.

### SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	SWEETISH, BERRY, RASPBERRY
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,860 - 0,880
<b>DENSITY 25/25</b>	-
<b>REFRACTIVE INDEX nD20</b>	1,4200 - 1,4400
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	-5,00 / 5,00
<b>BOILING POINT (°C)</b>	-
<b>MELTING POINT (°C)</b>	
<b>FLASH POINT (°C)</b>	14,00
<b>ASSAY (% GC)</b>	ALPHA IONONE: 50/ETHANOL NAT. 40/ETHYL AC. NAT:10
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	PARTLY SOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** Obtained from Carrot oleoresin which contain alpha and beta-Carotenes which are splitted and then purified by distillation.

### 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 SOURCES OF IGNITION

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.