

## SPECIFICATION SHEET

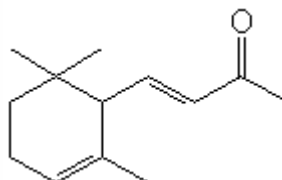
**VERSION** 1,00 **VERSION DATE** 27/07/05 **PRINT DATE** 06/05/24

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

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

**EINECS** 204-841-6

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



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

## SPECIFICATIONS

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