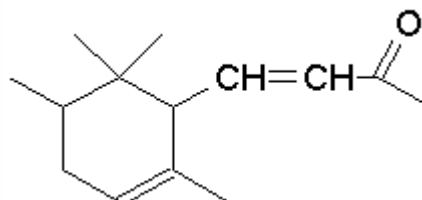


## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 23/11/23 **PRINT DATE** 20/05/24

**PRODUCT** IRONE ALPHA INDIA  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 4-(2,5,6,6-TETRAMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE  
**SYNONYMS** 5-METHYL-ALPHA-IONONE

**FORMULA** C14 H22 O  
**MOLECULAR WEIGHT** 206,33  
**CAS** 79-69-6  
**CAS 2** 54992-91-5  
**EINECS** 201-219-6  
**EINECS 2** 259-427-8  
**FEMA** 2597  
**TARIFF NUMBER** 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>	COLOURLESS TO PALE YELLOW
<b>ODOUR</b>	IRIS, WOODY, SWEET, FLORAL
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,934 - 0,941
<b>DENSITY 25/25</b>	0,932 - 0,939
<b>REFRACTIVE INDEX nD20</b>	1,4970 - 1,5030
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	110 - 112°C
<b>MELTING POINT (°C)</b>	ca. -50°C
<b>FLASH POINT (°C)</b>	93,00
<b>ASSAY (% GC)</b>	SUM OF THREE ISOMERS > 85
<b>ACID VALUE (mg KOH/g)</b>	< 5
<b>SOLUBILITY</b>	SOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	0,5 Pa (25°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.  
 IT CONTAINS 0,01% OF ALPHA-TOCOPHEROL AS ANTIOXIDANT.

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.