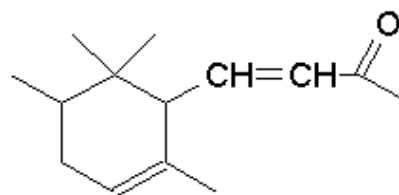


SPECIFICATION SHEET

VERSION 6 VERSION DATE 18/12/18 PRINT DATE 17/02/20

PRODUCT ALPHA IRONE
 IUPAC NAME 4(2,5,6,6-TETRAMETHYL-2CYCLOHEXEN-1-YL)3-BUTEN2ONE
 SYNONYMS 5-METHYL-ALPHA-IONONE

FORMULA C₁₄ H₂₂ O
 MOLECULAR WEIGHT 206,33
 CAS 79-69-6
 EINECS 201-219-6
 FEMA 2597
 CoE 145
 FDA 172.515
 TARIFF NUMBER 2914230000
 FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
 REACH REGISTRATION NO. 01-2120734727-47



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	PALE YELLOW
ODOUR	IRIS, WOODY, SWEET, FLORAL
DENSITY A 20° C (g / ml)	0,931 – 0,937
REFRACTIVE INDEX nD20	1,499 – 1,503
BOILING POINT (°C)	109°C (0,36 kPa); 290°C (1 atm)
MELTING POINT (°C)	ca. -50°C
FLASH POINT (°C)	110
ASSAY (% GC)	SUM ISOMERS > 97 (45-60/38-48/0-7)
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0,004 hPa (20°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	ISOMER TRANS-ALPHA 45-60%. ISOMER CIS-ALPHA 38-48%. ISOMER BETA-IRONE 0-7%.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 30 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

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