

SPECIFICATION SHEET

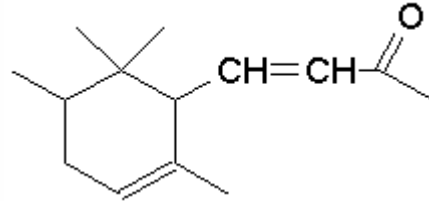
VERSION 1,00 **VERSION DATE** 03/12/20 **PRINT DATE** 11/08/22

PRODUCT IRONE ALPHA 950324 FIRMENICH
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
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

EINECS 201-219-6

FEMA 2597
TARIFF NUMBER 2914230000



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

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLOURLESS TO YELLOW
ODOUR	IRIS, WOODY, SWEET, FLORAL
TASTE	
DENSITY AT 20°C (g / ml)	0,928 - 0,936
DENSITY 25/25	0,927 - 1,935
REFRACTIVE INDEX nD20	1,4990 - 1,5030
REFRACTIVE INDEX nD25	1,4970 - 1,5010
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	109°C (0,36 kPa); 290°C (1 atm)
MELTING POINT (°C)	ca. -50°C
FLASH POINT (°C)	125,00
ASSAY (% GC)	SUM OF THREE ISOMERS > 85
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	1,029250472 Pa
OTHER SOLUBILITIES	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.

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.