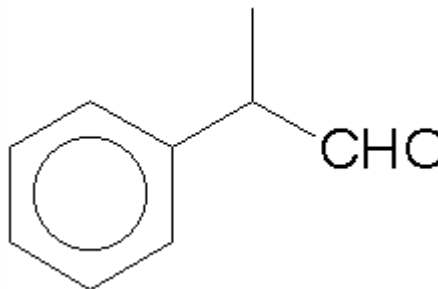


## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 15/05/24 **PRINT DATE** 18/05/24

<b>PRODUCT</b>	ALDEHYDE HYDRATROPIC
<b>APPLICATIONS</b>	Industrial raw material not intended for direct use.
<b>IUPAC NAME</b>	PHENYLACETALDEHYDE, ALPHA-METHYL
<b>SYNONYMS</b>	ALPHA-METHYLPHENYLACETALDEHYDE, 2-FENILPROPANAL, HYDRATROPIC ALDEHYDE, HYDROTROPAL
<b>FORMULA</b>	C <sub>9</sub> H <sub>10</sub> O
<b>MOLECULAR WEIGHT</b>	134,00
<b>CAS</b>	93-53-8
<b>EINECS</b>	202-255-5
<b>FEMA</b>	2886
<b>TARIFF NUMBER</b>	2912129000



**REACH REGISTRATION NO.** Not available. Substance lawfully placed in the EU market before 1 June 2018.

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	GREEN, FLORAL, LILAC, HYACINTH, LEAFY
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,999 - 1,009
<b>DENSITY 25/25</b>	0,998 - 1,006
<b>REFRACTIVE INDEX n<sub>D</sub>20</b>	1,5150 - 1,5200
<b>REFRACTIVE INDEX n<sub>D</sub>25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	CA. 205-222°C (1 atm)
<b>MELTING POINT (°C)</b>	< -60°C
<b>FLASH POINT (°C)</b>	77,00
<b>ASSAY (% GC)</b>	> 97
<b>ACID VALUE (mg KOH/g)</b>	< 5
<b>SOLUBILITY</b>	SOLUBILITY IN WATER: 3,4 g/L
<b>VAPOUR PRESSURE</b>	0,4 mbar (20°C)
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** OTHER POSSIBLE CAS NUMBERS: 1340-11-0 FOR ISOMER (R), 34713-70-7 FOR ISOMER (S).

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
KEEP REFRIGERATED AND WITH INERT GAS. IT DOES NOT CONTAIN ANTIOXIDANTS.

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.