

TECHNICAL DATA SHEET

SPECIFICATION - FINISHED PRODUCT			
PRODUCT NAME: Muguet Carbinol			
Chemical name:	2-methyl-4-phenylbutan-2-ol	EINECS Number:	203-074-4
CAS Number:	103-05-9	FEMA Number:	3629
Molecular Formula:	C ₁₁ H ₁₆ O	Synonym:	benzenepropanol, a,a-dimethyl-benzyl-tert-butanol
Molecular Weight:	164.24772000	Effective Date:	06/06/2023
LogP:	2.542 (est)	Next Review Date:	06/12/2024

Sr. No.	Characteristics	Specifications
1	Appearance	colorless clear liquid (est)
2	Solubility in Water	667.7 mg/L @ 25 °C (est)
3	Odor Family	clean fresh green rose bois de rose lily violet
4	Specific gravity/Density	0.95700 to 0.96200 @ 25.00 °C
5	Refractive index	1.50900 to 1.51300 @ 20.00 °C.
6	Acid value	1.00 max. KOH/g
7	Purity by GC	99.0%
8	Odor Profile	at 100.00 %. clean fresh green rose linalool lily violet Luebke, William tgsc, (1989)
9	Vapour Pressure	0.098000 mmHg @ 25.00 °C. (est)
10	Boiling Point	144.00 °C. @ 85.00 mm Hg
11	Shelf-Life	18 months
12	Stability	Fine fragrance, shower gel, shampoo, soap
13	Flash Point	261.00 °F. TCC (127.22 °C.)
14	Fusion Point	24.00 to 26.00 °C. @ 760.00 mm Hg