

TECHNICAL DATA SHEET

SPECIFICATION - FINISHED PRODUCT		
PRODUCT NAME: ROSE OXIDE 90:10		
Chemical name:	TETRAHYDRO-4-METHYL-2-(2-METHYL-1-PROPENYL)	EINECS Number: 240-457-5
CAS Number:	16409-43-1	FEMA Number: 3236
Molecular Formula:	C ₁₀ H ₁₈ O	Synonym: rose oxide,
Molecular Weight:	154	Effective Date: 03/12/2023
LogP:	3.186 (est)	Next Review Date: 03/12/2024

Sr. No.	Characteristics	Specifications
1	Appearance	Clear mobile liquid
2	Solubility in Water	Nearly insoluble in water: 0.064 g/l (20°C)
3	Odor Family	herbaceous, floral, fruity
4	Specific gravity/Density	0.86500 to 0.87300 @ 25.00 °C.
5	Refractive index	1.4500 - 1.4580
6	Acid value	< 1
7	Purity by GC	97.0%
8	Odor Profile	high , recommend smelling in a 1.00 % solution or less

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9	Vapour Pressure	0.551000 mmHg @ 25.00 °C. (est)
10	Boiling Point	86.00 °C. @ 20.00 mm Hg
11	Shelf-Life	18 months
12	Stability	Soap
13	Flash Point	157.00 °F. TCC (69.44 °C.)
14	Fusion Point	-80°C.