

TECHNICAL DATA SHEET

SPECIFICATION - FINISHED PRODUCT			
PRODUCT NAME: ROSE OXIDE 70:30			
Chemical name:	4-methyl-2-(2-methyl-1-propenyl)tetrahydro-2h-pyran	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:	154.25	Effective Date:	06/10/23
LogP:	3,3	Next Review Date:	06/10/24

Sr. No.	Characteristics	Specifications
1	Appearance	pale yellow to yellow clear liquid (est)
2	Solubility in Water	764 mg/L @ 20 °C (exp)
3	Odor Family	herbaceous, floreal, fruity
4	Specific gravity/Density	0.86500 to 0.87300 @ 25.00 °C.
5	Refractive index	1.45000 to 1.45700 @ 20.00 °C.
6	Acid value	MAX. 1
7	Purity by GC	97.0%
8	Odour Profile	high , recommend smelling in a 1.00 % solution or less
9	Vapour Pressure	0.551000 mmHg @ 25.00 °C. (est)
10	Boiling Point	86.00 °C. @ 20.00 mm Hg

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11	Shelf-Life	18 months
12	Stability	only for Soap
13	Flash Point	157.00 °F. TCC (69.44 °C.)
14	Fusion Point	-80°C