



"WE CREATE AN ESSENCE OF CHEMICAL'S....."

SPECIFICATION SHEET

PRODUCT	RHODINOL, NATURAL (EX-CITRONELLA)
IUPAC NAME	7-OCTEN-1-OL, 3,7-DIMETHYL-, (S)-
SYNONYMS	(-) - ALPHA CITRONELLOL
PLANTS OF ORIGIN	CYMBOPOGON WINTERLANUS JOWITT
PART OF THE PLANT	FRESH OR PARTIALLY DRIED HERB
FORMULA	C ₁₀ H ₂₀ O
MOLECULAR WEIGHT	156
CAS	141-25-3
EINECS	205-473-9

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	ROSE, SWEET, FLORAL, GREEN, WAXY, CITRUS
TASTE	FLORAL, ROSY
DENSITY @ 20° C (g / mL)	0.875-0.908
DENSITY @ 25° C (g / mL)	0.872-0.905
REFRACTIVE INDEX ND ₂₀	1.4690-1.4820
OPTICAL ROTATION (°)	-5.00 to -10.00
BOILING POINT (°C)	68.00 to 70.00 °C. @ 1.80 mm Hg
FLASH POINT (°C)	109.00
ASSAY (% GC)	CITRONELLOL 12-25%; GERANIOL 28-48 %
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.18000 mm/Hg @ 25.00°C
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	FRACTIONATION OF JAVA CITRONELLA OIL FOLLOWED BY ISOLATION-EXTRACTION PROCESS.

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. LAKSHMI SYNTHESIS, INDIA SHALL NOT BE HELD FOR ANY DAMAGE OR INJURY RESULTING FROM CONTACT OR HANDLING WITH ABOVE.

M/S LAKSHMI SYNTHESIS

PLOT NO. A/18 M.I.D.C. INDUSTRIAL AREA SAONER-441107, DISTRICT NAGPUR, MAHARASHTRA, INDIA.

CONTACT NO: 07113-236501.

WEBSITE: www.lakshmisynthesis.com

EMAIL ID: info@lakshmisynthesis.com, lakshmisynthesis@gmail.com