



SPECIFICATION SHEET

PRODUCT	CITRAL, NATURAL
IUPAC NAME	CITRAL NATURAL
SYNONYMS	CITRAL, NATURAL
FORMULA	C ₁₀ H ₁₆ O
MOLECULAR WEIGHT	153
CAS	5392-40-5
EINECS	226-394-6

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CITRUS TYPE, SHARP LEMON, SWEET
TASTE	LEMON PEEL, CITRUS, JUICY
DENSITY @ 20° C (g / mL)	0.880 -0.886
DENSITY 25/25	0.93500-0.94300
REFRACTIVE INDEX ND20	1.48600-1.49000
BOILING POINT (°C)	@ 760.00 mm Hg
MELTING POINT (°C)	-
FLASH POINT (°C)	98
ASSAY (% GC)	96-100 % SUM OF ISOMERS
ACID VALUE (max KOH/g)	5.00 MAX
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	mm/Hg @ 25.00 °C.
OTHER SOLUBILITIES	SOLUBLE IN 5 VOLUMES OF 60 % ETHANOL

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.

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