

SPECIFICATION SHEET

VERSION 5 VERSION DATE 19/09/22 PRINT DATE 25/04/24

PRODUCT CITRAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 3,7-DIMETHYL-2,6-OCTADIENAL
SYNONYMS 3,7-DIMETHYL-2,6-OCTADIENAL

FORMULA $C_{10}H_{16}O$
MOLECULAR WEIGHT 152
CAS 5392-40-5
EINECS 226-394-6
FEMA 2303
CoE 109
FDA 182.60
TARIFF NUMBER 2912190090

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR LEMON-LIKE
DENSITY AT 20°C (g / ml) 0,878-0,893
DENSITY 25/25 0,875-0,89
REFRACTIVE INDEX n_D^{20} 1,4860-1,4900
REFRACTIVE INDEX n_D^{25} -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 223 - 225°C (1013 hPa)
MELTING POINT (°C) < -20
FLASH POINT (°C) 98
ASSAY (% GC) NERAL > 45%; GERANIAL > 45%; SUM > 96%
ACID VALUE (mg KOH/g) < 1
SOLUBILITY SLIGHTLY SOLUBLE IN WATER (0.42 g/L at 25°C)
VAPOUR PRESSURE < 1 mbar (50°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA ISOMERS PROPORTION NERAL AND GERANIAL IS 1:1 APPROX.

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.
IT DOES NOT CONTAIN ADDITIVES. PURGE HEADSPACE WITH NITROGEN.

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. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

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