

## SPECIFICATION SHEET

VERSION 5      VERSION DATE 19/09/22      PRINT DATE 14/04/26

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 <sub>10</sub> H <sub>16</sub> O
MOLECULAR WEIGHT	152
CAS	5392-40-5
EINECS	226-394-6
FEMA	2303
CoE	109
FDA	182.60
TARIFF NUMBER	2912190090

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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	0,875-0,890
REFRACTIVE INDEX nD20	1,4860-1,4900
REFRACTIVE INDEX nD25	-
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

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com