

SPECIFICATION SHEET

VERSION 1 VERSION DATE 29/03/12 PRINT DATE 16/04/25

PRODUCT ALPHA DAMASCONE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME (E)-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE

FORMULA C₁₃ H₂₀ O
MOLECULAR WEIGHT 192
CAS 24720-09-0
EINECS 246-430-4
FEMA 3659
CoE 11053
TARIFF NUMBER 2914290090
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR DIFFUSIVE, FLORAL, ROSY, FRUITY, APPLE
DENSITY AT 20°C (g / ml) 0,932-0,938
DENSITY 25/25 0,929-0,935
REFRACTIVE INDEX nD20 1,4940-1,4980
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 250 °C (101325 Pa)
MELTING POINT (°C) 4 °C
FLASH POINT (°C) 94
ASSAY (% GC) CIS 1-10%; TRANS >90%; SUM OF ISOMERS > 95%
ACID VALUE (mg KOH/g) < 1
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE 3,2 Pa (25°C)
OTHER SOLUBILITIES SOLUBLE IN 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.
IT MAY BE STABILIZED WITH 0,05% DE ALPHA-TOCOPHEROL (VITAMIN E - E307)

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. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

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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