

SPECIFICATION SHEET

VERSION 1 **VERSION DATE** 29/03/12 **PRINT DATE** 18/10/25

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

SPECIFICATIONS

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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.