

## SPECIFICATION SHEET

VERSION 1      VERSION DATE 29/03/12      PRINT DATE 25/04/24

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	C <sub>13</sub> H <sub>20</sub> 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

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 n <sub>D</sub> 20	1,4940-1,4980
REFRACTIVE INDEX n <sub>D</sub> 25	-
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

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