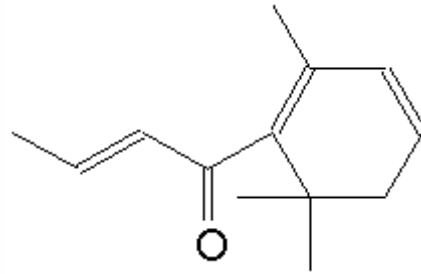


## SPECIFICATION SHEET

**VERSION** 1,00 **VERSION DATE** 21/12/23 **PRINT DATE** 16/08/24

**PRODUCT** DAMASCENONE 97%  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 2-BUTEN-1-ONE,1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-  
**SYNONYMS** BETA-DAMASCENONE, 1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIENYL)-2-BUTENONE

**FORMULA** C13 H18 O  
**MOLECULAR WEIGHT** 190,00  
**CAS** 23696-85-7  
**CAS 2** 23726-93-4  
**EINECS** 245-833-2  
**EINECS 2** 245-844-2  
**FEMA** 3420  
**TARIFF NUMBER** 2914290090



**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

**ASPECT AT 20°C** CLEAR MOBILE LIQUID  
**COLOUR** PALE YELLOW TO YELLOW  
**ODOUR** FLORAL,FRUITY,ROSE,PLUM,TOBACCO  
**TASTE** FLORAL,FRUITY,QUINCE,ROSY,COOKED  
**DENSITY AT 20°C (g / ml)** 0,944 - 0,954  
**DENSITY 25/25** 0,943 - 0,953  
**REFRACTIVE INDEX nD20** 1,5090 - 1,5150  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** 199°C (101325 Pa)  
**MELTING POINT (°C)** ca. 1,8°C  
**FLASH POINT (°C)** 110,00  
**ASSAY (% GC)** > 97  
**ACID VALUE (mg KOH/g)** < 1  
**SOLUBILITY** SOLUBLE IN WATER 188 mg/l (20°C)  
**VAPOUR PRESSURE** 3 Pa (25°C)  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

### OTHER TECHNICAL DATA

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 36 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
 IT CONTAINS 0,05% OF ALPHA-TOCOPHEROL (E-307) AS STABILIZER.

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.