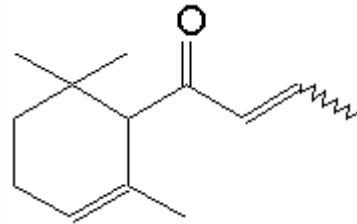


## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 09/06/20 **PRINT DATE** 04/07/24

**PRODUCT** DAMASCONE ALPHA FIRMENICH 937470  
**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  
**SYNONYMS**

**FORMULA** C13 H20 O  
**MOLECULAR WEIGHT** 192,00  
**CAS** 24720-09-0  
**CAS 2** 43052-87-5  
**EINECS** 246-430-4  
**EINECS 2** -  
**FEMA** 4088  
**TARIFF NUMBER** 2914290090



**REACH REGISTRATION NO.** 01-2120105799-47

## SPECIFICATIONS

|                                 |   |
|---------------------------------|---|
| <b>ASPECT AT 20°C</b>           | CLEAR MOBILE LIQUID                       |
| <b>COLOUR</b>                   | COLORLESS TO PALE YELLOW                  |
| <b>ODOUR</b>                    | DIFFUSIVE, FLORAL, ROSY, FRUITY, APPLE    |
| <b>TASTE</b>                    |   |
| <b>DENSITY AT 20°C (g / ml)</b> | 0,932 - 0,938                             |
| <b>DENSITY 25/25</b>            | 0,929 - 0,935                             |
| <b>REFRACTIVE INDEX nD20</b>    | 1,4940 - 1,4980                           |
| <b>REFRACTIVE INDEX nD25</b>    | 1,4920 - 1,4960                           |
| <b>OPTICAL ROTATION (°)</b>     | /   |
| <b>BOILING POINT (°C)</b>       | -   |
| <b>MELTING POINT (°C)</b>       |   |
| <b>FLASH POINT (°C)</b>         | 110,00                                    |
| <b>ASSAY (% GC)</b>             | CIS 4-10%; TRANS 87-94%; SUM > 90%        |
| <b>ACID VALUE (mg KOH/g)</b>    | < 1                                       |
| <b>SOLUBILITY</b>               | SOLUBLE IN ETHANOL 95° IN ALL PROPORTIONS |
| <b>VAPOUR PRESSURE</b>          | NOT DETERMINED                            |
| <b>OTHER SOLUBILITIES</b>       | SOLUBLE IN ETHANOL 10% (w/v)              |

## 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 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
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.