

## SPECIFICATION SHEET

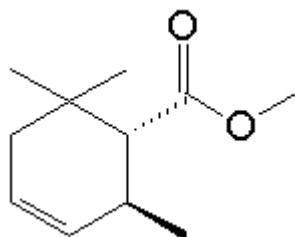
**VERSION** 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 03/05/24

**PRODUCT** FIRASCON® FIRMENICH 942551  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3-CYCLOHEXENE-1-CARBOXYLIC ACID, 2,6,6-TRIMETHYL-, METHYL ESTER  
**SYNONYMS**

**FORMULA** C<sub>11</sub> H<sub>18</sub> O<sub>2</sub>  
**MOLECULAR WEIGHT** 182,00  
**CAS** 815580-59-7

**EINECS** 453-570-1

**FEMA** 2351  
**TARIFF NUMBER** 2915601990



**REACH REGISTRATION NO.** 01-0000019176-68

## SPECIFICATIONS

|                                         |                                |          |
|-----------------------------------------|--------------------------------|----------|
| <b>ASPECT AT 20°C</b>                   | CLEAR MOBILE LIQUID            |          |
| <b>COLOUR</b>                           | COLORLESS                      |          |
| <b>ODOUR</b>                            | FLORAL, ROSE, FRUITY, DAMASCON |          |
| <b>TASTE</b>                            |                                |          |
| <b>DENSITY AT 20°C (g / ml)</b>         | 0,954                          | - 0,960  |
| <b>DENSITY 25/25</b>                    | 0,953                          | - 0,959  |
| <b>REFRACTIVE INDEX n<sub>D</sub>20</b> | 1,4560                         | - 1,4600 |
| <b>REFRACTIVE INDEX n<sub>D</sub>25</b> | 1,4540                         | - 1,4580 |
| <b>OPTICAL ROTATION (°)</b>             | /                              |          |
| <b>BOILING POINT (°C)</b>               | -                              |          |
| <b>MELTING POINT (°C)</b>               | -                              |          |
| <b>FLASH POINT (°C)</b>                 | 74,00                          |          |
| <b>ASSAY (% GC)</b>                     | > 98                           |          |
| <b>ACID VALUE (mg KOH/g)</b>            |                                |          |
| <b>SOLUBILITY</b>                       | INSOLUBLE IN WATER             |          |
| <b>VAPOUR PRESSURE</b>                  | NOT DETERMINED                 |          |
| <b>OTHER SOLUBILITIES</b>               | SOLUBLE IN ETHANOL             |          |

## OTHER TECHNICAL DATA

THE CLOSEST OLFACTIVE PROFILE TO NATURALLY OCCURRING DAMASCON, AMONG ALL THE DAMASCON ESTERS. DUE TO ITS CLEAN REGULATORY PROFILE, IT CAN BE USED LIKE TRADITIONAL DAMASCONES, WITHOUT THE DOSAGE LIMITATIONS OF ROSE KETONES.

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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.