

## SPECIFICATION SHEET

**VERSION** 7,00 **VERSION DATE** 19/09/22 **PRINT DATE** 26/04/24

**PRODUCT** ETHYL TRANS-2-CIS-4-DECADIENOATE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** ETHYL TRANS-2-CIS-4-DECADIENOATE  
**SYNONYMS** ETHYL (E)-2-(Z)-4-DECADIENOATE

**FORMULA** C12 H20 O2  
**MOLECULAR WEIGHT** 196,28  
**CAS** 3025-30-7

**EINECS** 221-178-8

**FEMA** 3148  
**TARIFF NUMBER** 2916199590



**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

## SPECIFICATIONS

|                                 |   |
|---------------------------------|---|
| <b>ASPECT AT 20°C</b>           | CLEAR MOBILE LIQUID                       |
| <b>COLOUR</b>                   | COLORLESS TO PALE YELLOW                  |
| <b>ODOUR</b>                    | VERY STRONG, PEAR, FRUITY, GREEN, FATTY   |
| <b>TASTE</b>                    |   |
| <b>DENSITY AT 20°C (g / ml)</b> | 0,901 - 0,909                             |
| <b>DENSITY 25/25</b>            | 0,901 - 0,905                             |
| <b>REFRACTIVE INDEX nD20</b>    | 1,4800 - 1,4880                           |
| <b>REFRACTIVE INDEX nD25</b>    | -   |
| <b>OPTICAL ROTATION (°)</b>     | /   |
| <b>BOILING POINT (°C)</b>       | 90 (15 mm Hg)                             |
| <b>MELTING POINT (°C)</b>       | -   |
| <b>FLASH POINT (°C)</b>         | 121,00                                    |
| <b>ASSAY (% GC)</b>             | MAIN PEAK > 87%; SUM OF ISOMERS > 97%     |
| <b>ACID VALUE (mg KOH/g)</b>    | < 1                                       |
| <b>SOLUBILITY</b>               | 84 mg/L IN WATER                          |
| <b>VAPOUR PRESSURE</b>          | 0,0108 mm Hg (20 °C)                      |
| <b>OTHER SOLUBILITIES</b>       | ONE PART IN ONE AND MORE PARTS OF 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 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
 KEEP REFRIGERATED, PROTECTED FROM LIGHT. IT HAS 0,1% OF TOCOPHEROL. PURGE HEADSPACE WITH NITROGEN.

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.