

## SPECIFICATION SHEET

**VERSION** 2,00      **VERSION DATE** 20/07/21      **PRINT DATE** 27/07/24

**PRODUCT** SAFFLOWER OIL  
**APPLICATIONS** Raw material for industrial use intended for research and development.  
**IUPAC NAME** SAFFLOWER OIL  
**PLANT OF ORIGIN** Carthamus tinctorius  
**PART OF THE PLANT**  
**SYNONYMS**

**CAS** 8001-23-8

**EINECS** 232-276-5

**TARIFF NUMBER** 1512199010

**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** Exempt from registration (according to Annex V to REACH)

### SPECIFICATIONS

**ASPECT AT 20°C** SLIGHT VISCOUS CLEAR LIQUID  
**COLOUR** PALE YELLOW  
**ODOUR** NEARLY ODORLESS  
**TASTE**  
**DENSITY AT 20°C (g / ml)** 0,915 - 0,925  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4710 - 1,4810  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** > 305°C  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 261,00  
**ASSAY (% GC)** LINOLEIC ACID CA. 65-85% (BONDED AS TRIGLYCERIDE)  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**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 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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.