

## SPECIFICATION SHEET

**VERSION** 1,00      **VERSION DATE** 19/09/22      **PRINT DATE** 23/06/24

**PRODUCT** WHEAT GERM OIL, REFINED (COSMETIC)  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** WHEAT GERM OIL  
**PLANT OF ORIGIN** Triticum aestivum L.  
**PART OF THE PLANT** GERM  
**SYNONYMS**

**CAS** 84012-44-2  
**CAS 2** 68917-73-7  
**EINECS** 281-689-7

**TARIFF NUMBER** 1515909999

**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)** 0,917 - 0,925  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4720 - 1,4760  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** -  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 261,00  
**ASSAY (% GC)** LINOLEIC ACID CA. 37-61% (BONDED AS TRIGLYCERIDE)  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** MAJOR FATTY ACID: PALMITIC: 8-19% - STEARIC <5% - OLEIC: 18-37% - LINOLEIC: 37-61% - LINOLENIC <5%

### 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.