

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 20/04/24

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.