

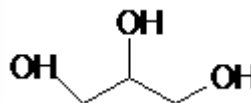
SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 13/07/23 **PRINT DATE** 28/04/24

PRODUCT FOOD GLYCERIN E422
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 1,2,3-PROPANETRIOL
SYNONYMS GLYCEROL, PROPANETRIOL, GLYCERINE

PLANT OF ORIGIN Brassica campestris
PART OF THE PLANT SEEDS
FORMULA C3 H8 O3
MOLECULAR WEIGHT 92,09
CAS 56-81-5

EINECS 200-289-5



TARIFF NUMBER 2905450000

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

SPECIFICATIONS

ASPECT AT 20°C	VISCOUS LIQUID/SOLID
COLOUR	COLORLESS
ODOUR	NEARLY ODORLESS
TASTE	SWEET
DENSITY AT 20°C (g / ml)	1,259 - 1,279
DENSITY 25/25	1,257 - 1,277
REFRACTIVE INDEX nD20	1,4710 - 1,4740
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	182°C (27 hPa); 290°C (1 atm)
MELTING POINT (°C)	CA. 17°C
FLASH POINT (°C)	199,00
ASSAY (% GC)	> 99% (ANHYDROUS BASE)
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SOLUBLE IN WATER.
VAPOUR PRESSURE	0,25 hPa (100°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL. SLIGHTLY SOLUBLE IN ACETONE. INSOLUBLE IN OILS AND ESSENTIAL OILS.
OTHER TECHNICAL DATA	WATER <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.

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.