

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 18/02/22 **PRINT DATE** 24/07/24

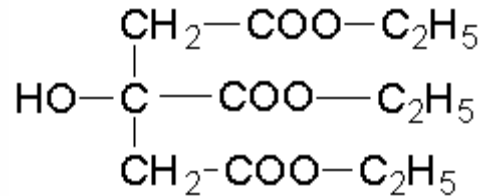
PRODUCT TRIETHYL CITRATE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME TRIETHYL CITRATE
SYNONYMS CITROFLEX 2

FORMULA C12 H20 O7
MOLECULAR WEIGHT 276,00
CAS 77-93-0

EINECS 201-070-7

FEMA 3083
TARIFF NUMBER 2918150090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119955435-32



SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR SLIGHT
TASTE

DENSITY AT 20°C (g / ml) 1,136 - 1,142
DENSITY 25/25 1,135 - 1,139
REFRACTIVE INDEX nD20 1,4400 - 1,4440
REFRACTIVE INDEX nD25 1,4390 - 1,4430
OPTICAL ROTATION (°) /
BOILING POINT (°C) 294
MELTING POINT (°C) -45
FLASH POINT (°C) 150,00
ASSAY (% GC) > 99
ACID VALUE (mg KOH/g) < 0,02%(CITRIC ACID)
SOLUBILITY SOLUBILITY IN WATER (25°C): 6,5 g/L
VAPOUR PRESSURE 0,00189 mm Hg (25°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL. NOT SOLUBLE IN VEGETABLE OILS.

OTHER TECHNICAL DATA Water contents (w/w) <0,25%.

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.