

SPECIFICATION SHEET

VERSION 5,00 **VERSION DATE** 21/09/22 **PRINT DATE** 17/07/24

PRODUCT TRANS-2-TRANS-4-DECADIENAL NATURAL EU BESTALLY
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME TRANS-2-TRANS-4-DECADIENAL
SYNONYMS
PLANT OF ORIGIN Carthamus tinctorius L.
PART OF THE PLANT
FORMULA C10 H16 O
MOLECULAR WEIGHT 152,24
CAS 2363-88-4
CAS 2 25152-84-5
EINECS 219-114-9
EINECS 2 246-668-9
FEMA 3135
TARIFF NUMBER 2912190090
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR PALE YELLOW TO YELLOW/ORANGE
ODOUR CITRUS, FATTY, GREEN
TASTE
DENSITY AT 20°C (g / ml) 0,856 - 0,876
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4900 - 1,5200
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) CA. 245°C
MELTING POINT (°C) CA. -10°C
FLASH POINT (°C) 101,00
ASSAY (% GC) TRANS,TRANS > 90%; SUM OF ISOMERS > 95%
ACID VALUE (mg KOH/g) -
SOLUBILITY NEARLY INSOLUBLE IN WATER (0,1 g/L 25°C)
VAPOUR PRESSURE 0,04 hPa (25°C)
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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
PURGE HEADSPACE WITH NITROGEN. KEEP UNDER REFRIGERATION. SLOWLY DECOMPOSES AT ROOM TEMPERATURE

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.