

SPECIFICATION SHEET

VERSION	4,00	VERSION DATE	13/01/20	PRINT DATE	11/08/22
PRODUCT	TRANS-2-TRANS-4-DECADIENAL NATURAL				
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.				
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 > 89; 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.