

SPECIFICATION SHEET

VERSION	4,00	VERSION DATE	19/09/22	PRINT DATE	25/04/24
PRODUCT	TRANS-2-NONENAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	TRANS-2-NONENAL				
SYNONYMS	(E)-2-NONENAL, IRIS ALDEHYDE, 3-HEXYLACROLEIN, HEPTILIDENE ACETALDEHYDE				
FORMULA	C9 H16 O				
MOLECULAR WEIGHT	140,25				
CAS	18829-56-6				
CAS 2	2463-53-8				
EINECS	242-609-6				
EINECS 2	219-562-5				
FEMA	3213				
TARIFF NUMBER	2912190090				
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	COLORLESS TO PALE YELLOW	
ODOUR	GREEN,CUCUMBER,IRIS,CITRUS,VIOLET	
TASTE	GREEN,MELON,CUCUMBER,FATTY,SOAPY	
DENSITY AT 20°C (g / ml)	0,844	- 0,850
DENSITY 25/25	-	
REFRACTIVE INDEX nD20	1,4520	- 1,4550
REFRACTIVE INDEX nD25	-	
OPTICAL ROTATION (°)	/	
BOILING POINT (°C)	88-90°C (12 mm Hg)	
MELTING POINT (°C)	-	
FLASH POINT (°C)	84,00	
ASSAY (% GC)	MAIN ISOMER >96%; SUM OF ISOMERS >97%	
ACID VALUE (mg KOH/g)	< 5	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
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.
IT MAY CONTAIN 0,5% OF ALPHA-TOCOPHEROL. 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.

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.