

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 03/07/24

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.