

## SPECIFICATION SHEET

VERSION 6      VERSION DATE 19/09/22      PRINT DATE 31/08/24

PRODUCT TRANS-2-HEXENAL  
APPLICATIONS Industrial raw material not intended for direct use.  
IUPAC NAME TRANS-2-HEXENAL  
SYNONYMS LEAF ALDEHYDE

FORMULA  $C_6 H_{10} O$   
MOLECULAR WEIGHT 98  
CAS 6728-26-3  
EINECS 229-778-1  
FEMA 2560  
CoE 748  
FDA 172.515  
TARIFF NUMBER 2912190090  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID  
COLOUR COLORLESS TO PALE YELLOW  
ODOUR GREEN, FRUITY, CITRUS  
TASTE GREEN, CITRUS, APPLE  
DENSITY AT 20°C (g / ml) 0,841-0,851  
DENSITY 25/25 -  
REFRACTIVE INDEX nD20 1,4420-1,4470  
REFRACTIVE INDEX nD25 -  
OPTICAL ROTATION (°) /  
BOILING POINT (°C) 146°C  
MELTING POINT (°C) -  
FLASH POINT (°C) 43  
ASSAY (% GC) > 98  
ACID VALUE (mg KOH/g) < 10  
SOLUBILITY SLIGHTLY SOLUBLE IN WATER  
VAPOUR PRESSURE 4,3 mbar (20°C)  
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

## 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.  
PURGE HEADSPACE WITH NITROGEN: OXIDIZED BY AIR. RECOMMENDED DRUMS: PLASTIC

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.

### PRODASYNTH SAS

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