

## SPECIFICATION SHEET

VERSION 1      VERSION DATE 10/05/22      PRINT DATE 09/05/25

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

FORMULA  $C_{10}H_{18}O$   
MOLECULAR WEIGHT 154  
CAS 3913-81-3  
CAS 2 3913-71-1  
EINECS 223-474-2  
EINECS 2 223-472-1  
FEMA 2366  
CoE 2009  
TARIFF NUMBER 2912190090  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID  
COLOUR COLORLESS TO PALE YELLOW  
ODOUR ORANGE, HERBAL, TROPICAL, DIFFUSIVE  
DENSITY AT 20°C (g / ml) 0,840-0,850  
DENSITY 25/25 -  
REFRACTIVE INDEX nD20 1,4540-1,4580  
REFRACTIVE INDEX nD25 -  
OPTICAL ROTATION (°) /  
BOILING POINT (°C) 228 - 230  
MELTING POINT (°C) -  
FLASH POINT (°C) 78  
ASSAY (% GC) > 95  
ACID VALUE (mg KOH/g) < 10  
SOLUBILITY INSOLUBLE IN WATER  
VAPOUR PRESSURE NOT DETERMINED  
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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
OXIDIZED BY AIR. PURGE HEADSPACE WITH NITROGEN. KEEP REFRIGERATED (BETTER FROZEN).

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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