

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 24/04/24

PRODUCT DECALACTONE GAMMA NATURAL FIRMENICH 944600
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME GAMMA-N-HEXYL-GAMMA-BUTYROLACTONE
SYNONYMS 1,4-DECANOLIDE

PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C₁₀ H₁₈ O₂
MOLECULAR WEIGHT 170,00
CAS 706-14-9

EINECS 211-892-8

FEMA 2360
TARIFF NUMBER 2932209090



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 FRUITY, PEACH, COCONUT, SWEET
TASTE FRUITY, PEACH, APRICOT, CREAMY
DENSITY AT 20°C (g / ml) 0,950 - 0,956
DENSITY 25/25 -
REFRACTIVE INDEX n_{D20} 1,4470 - 1,4510
REFRACTIVE INDEX n_{D25} -
OPTICAL ROTATION (°) 40,00 / 42,00
BOILING POINT (°C) 281
MELTING POINT (°C)
FLASH POINT (°C) 110,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) < 3
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE 1333226 (Pa)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA APPROXIMATE STEREOISOMERS RATIO: D ISOMER 99,9 : L ISOMER 0,1.

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.

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.