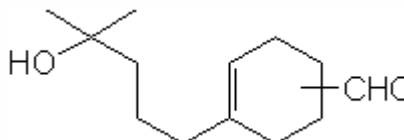


SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 28/09/06 **PRINT DATE** 30/06/22

PRODUCT LYRAL® IFF
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 3-CYCLOHEXENE-1-CARBOXALDEHYDE,4-(4-HYDROXY-4-METHYL PENTYL)
SYNONYMS LYRAL, KOVANOL, KOVYRAL

FORMULA C13 H22 O2
MOLECULAR WEIGHT 210,32
CAS 31906-04-4
CAS 2 51414-25-6
EINECS 250-863-4
EINECS 2 257-187-9



TARIFF NUMBER 2912490090

REACH REGISTRATION NO. 01-2119971808-21

SPECIFICATIONS

ASPECT AT 20°C	SLIGHTLY VISCOUS LIQUID
COLOUR	COLORLESS
ODOUR	FLORAL, MUGUET, ALDEHYDIC, WOODY
TASTE	
DENSITY AT 20°C (g / ml)	0,985 - 0,993
DENSITY 25/25	0,984 - 0,992
REFRACTIVE INDEX nD20	1,4860 - 1,4920
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	-
MELTING POINT (°C)	-
FLASH POINT (°C)	105,00
ASSAY (% GC)	ISOMER 1: 20-34%; ISOMER 2: 66-80% . SUM > 98%
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0,0626 calc. (kPa)
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.
 STABILIZED WITH 0,1% BHT. KEEP BETWEEN 8 - 10°C

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.