

## SPECIFICATION SHEET

**VERSION** 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 04/07/24

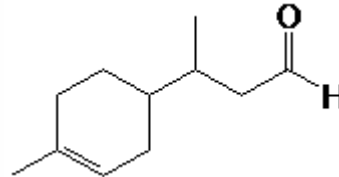
**PRODUCT** LIMOXAL IFF  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 4-DIMETHYLCYCLOHEX-3-EN-1-PROPAN-1-AL  
**SYNONYMS** LIMONELAL, LIMONENE ALDEHYDE

**FORMULA** C11H18O  
**MOLECULAR WEIGHT** 154,00  
**CAS** 6784-13-0

**EINECS** 229-846-0

**TARIFF NUMBER** 2912290090

**REACH REGISTRATION NO.** 01-2120741135-63



### SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS
<b>ODOUR</b>	CITRUS, GREEN, ALDEHYDIC, FLORAL, HERB
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,928 - 0,938
<b>DENSITY 25/25</b>	0,927 - 0,937
<b>REFRACTIVE INDEX nD20</b>	1,4740 - 1,4820
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	
<b>MELTING POINT (°C)</b>	
<b>FLASH POINT (°C)</b>	94,00
<b>ASSAY (% GC)</b>	> 94
<b>ACID VALUE (mg KOH/g)</b>	< 5
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	

**OTHER TECHNICAL DATA** USED IN COMBINATION WITH NATURAL AND SYNTHETIC CITRUS NOTES TO INCREASE BODY AND TENACITY, AND VERY EFFECTIVE IN ORIENTAL, SANDALWOOD, AMBER AND WOOD ACCORDS. USE: BODY LOTION (VERY GOOD), SHAMPOO (VERY GOOD), CLEANER AND BLEACH (POOR)

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
IT CONTAINS 0,1% STABILIFF AS ANTIOXIDANT. 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.