

## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 02/07/15 **PRINT DATE** 02/07/22

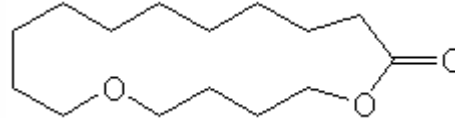
**PRODUCT** MUSK 781 (CERVOLIDE)  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of flavours and/or fragrances.  
**IUPAC NAME** 16-HYDROXY-1-20XAHEXADECANOIC ACID OMEGA-LACTONE  
**SYNONYMS** 1,6-DIOXACYCLOHEPTA-DECAN-7-ONE; CERVOLIDE; OXAHOXALID

**FORMULA** C15 H28 O3  
**MOLECULAR WEIGHT** 256,20  
**CAS** 6707-60-4

**EINECS** 229-755-6

**TARIFF NUMBER** 2932209090

**REACH REGISTRATION NO.** 01-2120742169-51



## SPECIFICATIONS

**ASPECT AT 20°C** CLEAR VISCOUS LIQUID  
**COLOUR** COLORLESS TO PALE YELLOW  
**ODOUR** SWEET, TENACIOUS, FRUITY MUSK, CLEAN  
**TASTE**  
**DENSITY AT 20°C (g / ml)** 0,978 - 0,987  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4660 - 1,4700  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** 300  
**MELTING POINT (°C)** -27  
**FLASH POINT (°C)** 101,00  
**ASSAY (% GC)** MAIN PEAK > 97  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** < 0,1 kPa (20°C)  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** NOT FOUND IN NATURE. OTHER NAMES: 12-OXAHEXADECANOLIDE. USUAL DOSAGE: 2-5%

## 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.  
IT CONTAINS CITRIC ACID 0,01% AND ALPHA-TOCOPHEROL 0,01%.

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.