

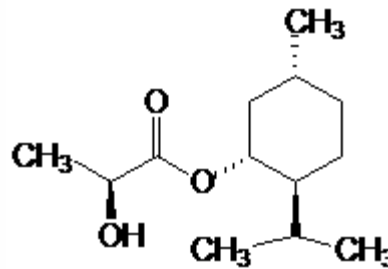
## SPECIFICATION SHEET

**VERSION** 2,00 **VERSION DATE** 14/05/24 **PRINT DATE** 04/07/24

**PRODUCT** L-MENTHYL LACTATE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** L-MENTHYL LACTATE  
**SYNONYMS** FRESCOLAT ML, SYMCOOL, COOLADA

**FORMULA** C13 H24 O3  
**MOLECULAR WEIGHT** 228,33  
**CAS** 59259-38-0  
**CAS 2** 61597-98-6  
**EINECS** 261-678-3

**FEMA** 3748  
**TARIFF NUMBER** 2918110000  
**KOSHER CERTIFICATE** AVAILABLE ON REQUEST  
**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** On request. REACH and non-REACH material available for this product.



## SPECIFICATIONS

**ASPECT AT 20°C** CRYSTALS  
**COLOUR** WHITE  
**ODOUR** MILD MINT  
**TASTE**  
**DENSITY AT 20°C (g / ml)** -  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** -  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** 142°C (5 mm Hg)  
**MELTING POINT (°C)** > 42  
**FLASH POINT (°C)** 113,00  
**ASSAY (% GC)** > 98  
**ACID VALUE (mg KOH/g)** < 2  
**SOLUBILITY** SLIGHTLY SOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN MOST ORGANIC SOLVENTS.

**OTHER TECHNICAL DATA** COOLING AGENT FOR FLAVOURS AND COSMETICS. ALTERNATIVE TO MINT AND MENTHOL WITH A LONG-LASTING, ODORLESS AND NON-IRRITATING EFFECT. ORIENTATIVE DOSAGE IN FOOD: 15-2000 ppm.

## 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.