

## SPECIFICATION SHEET

**VERSION** 2,00 **VERSION DATE** 14/09/21 **PRINT DATE** 27/04/24

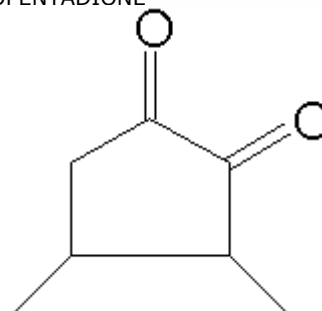
**PRODUCT** 3,4-DIMETHYL-1,2-CYCLOPENTANEDIONE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3,4-DIMETHYL-1,2-CYCLOPENTANEDIONE  
**SYNONYMS** 3,4-DIMETHYL-2-CYCLOPENTENOLONE; METHYL CORYLONE; 3,4-DIMETHYL-1,2-CYCLOPENTADIONE

**FORMULA** C7 H10 O2  
**MOLECULAR WEIGHT** 126,00  
**CAS** 13494-06-9

**EINECS** 236-810-8

**FEMA** 3268  
**TARIFF NUMBER** 2914290090

**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** CRYSTALLINE SOLID (POWDER)  
**COLOUR** YELLOWISH  
**ODOUR** MAPLE, WALNUT, SWEET, CARAMEL, LICORICE  
**TASTE**  
**DENSITY AT 20°C (g / ml)** -  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** -  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** 180°C (200 mmHg)  
**MELTING POINT (°C)** 64 - 68  
**FLASH POINT (°C)** 65,00  
**ASSAY (% GC)** > 98  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** 1% IN WATER AT 20°C  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** WHEN A BAG IS OPENED, IT MUST BE USED IMMEDIATELY BECAUSE THE PRODUCT WILL GET SPOILED UPON CONTACT WITH AIR AFTER SOME DAYS. IF SOME QUANTITY REMAINS UNUSED, IT CAN BE DISSOLVED IN PROPYLENEGLYCOL AND STORED IN A COOL AREA.

## 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.  
 REFRIGERATION AND STORING IN BAGS WITH NITROGEN IS RECOMMENDED.

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.