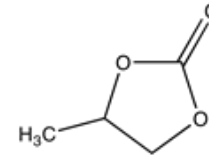


**Identification**

C<sub>4</sub>H<sub>6</sub>O<sub>3</sub>  
M = 102,09 g/mol  
CAS [108-32-7]  
EC number: 203-572-1  
Taric code: 2920 90 10

**Synonyms**

4-Methyl-1,3-dioxolan-2-one

**Applications**

analytical chemistry, solvents, chromatography, for organic trace analysis.

**Specifications**

assay (G.C.).....	min. 99 %	density (20°/4°).....	1,204 - 1,205
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,02 %
		water (K.F.).....	max. 0,1 %

**Physical data**

- Density: 1,20 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 240 g/l
- Melting point: -49 °C
- Boiling point: 242 °C
- Flash point: 123 °C
- Ignition temperature: 510 °C
- Vapour pressure: (20 °C) 0,03 hPa
- Dipolar moment: (20 °C) 5 Debye
- Dielectric const.: (25 °C) 6,51
- Saturation conc.: (20 °C) 0,2 g/m<sup>3</sup>
- Expl. limit (upper): 14,3 %Vol
- Expl. limit (lower): 2,3 %Vol
- pH(200 g/l H<sub>2</sub>O, 20 °C) 7,0

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

**Transport/storage**

- 10°C - 30°C