

## *Butane-2,3-dione (Diacetyl)*

CAS #431-03-8

**Product n°:**

**Empirical formula:** C<sub>4</sub>H<sub>6</sub>O<sub>2</sub>

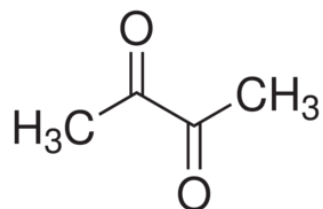
**Formula Weight:** 86,1 g/mol

**Batch N°:**

**Manufacture date:** July. 28, 2016.

**Quality Release Date:**

**Recommended Retest Date/ Expiry Date:**



PHYSICAL AND CHEMICAL DATA		
TEST	SPECIFICATION	RESULTS
Assay (%GC)	>97%	
Aldehydes concentration (ppm)	<100	
Moisture (water) content (Karl Fischer)	<0,50%	
Boiling point (°C 760 mm/Hg)	87-90	
Density (20°C- g/ml)	0,982-0,992	
Density 25/25	0,979-0,985	
Vapor pressure (mmHg/25°C)	56,8	
Flash point (°C)	6	
Refractive index (nD20°C)	1,3930-1,3970	
Water solubility (20°C)	18%	
Ethanol solubility	Soluble	
Appearance	Clear mobile liquid, pale yellow to greenish yellow liquid	
Odour	Intensely buttery odor, characteristic	

**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. It must be handled with the same precautions as petrol. Decomposes/polymerises by air contact.