

**Technical Data Sheet**  
**100814**  
**2,3-PENTANEDIONE**

**Product Description:**

Chemical characterization: Pentane-2,3-dione

Botanical characterization: N.A.

INCI Name: PENTANEDIONE

CAS: 600-14-6  
EINECS: 209-984-8  
FEMA: 2841  
CoE: 2039C  
Chemical Formula: C<sub>5</sub>H<sub>8</sub>O<sub>2</sub>

**Other Informations:**

Legal Status: Synthetic

Food grade status: Yes

Definition according to Reg.EC n.1334/2008: Flavouring substance

Limited substances (Ann.III, Reg.EC n.1334/2008): None

Additive, solvent, carrier: None

Food allergens: Available on request (Reg. EC n.1169/2011 and amends)

GMO: Not present (Reg.CEn.1829/2003 e 1830/2003 e succ. mod.)

Kosher certification: To be certified

**Cosmetic allergens (Reg. EC n.1223/2009):**

None

**IFRA limits:**

All applications (100 %).

**IFRA prohibited substances:**

not present

**Product characteristics:**

Application: FLAVOUR  
FRAGRANCE  
Organoleptic profile: CHARACTERISTIC

Appearance	LIQUID
Colour	PALE YELLOW-YELLOW
Specific gravity at 20°C ( g/cm <sup>3</sup> )	0.955-0.975 g/(cm <sup>3</sup> )
Refractive index at 20°C	1.402-1.406
Flash point (Close cup)°C	19.0 °C
Solubility	H <sub>2</sub> O:INSOLUBLE ORGANIC SOLV.:SOLUBLE
Purity (% GC)	96.500 %GC

## Shelf Life

In the original, sealed container, stored in a cool dry place, away from any source of light and heat, the product has a shelf life of 24 months.

## Notes

**The present document annul and replace any previous version.**

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