

MILTITZ AROMATICS GmbH

Product data sheet

Version: 3

Version date: 09.11.2016

PRODUCT

METHYLDIOXOLANE

Chemical name: Ethyl-2-methyl-1,3-dioxolan-2-yl-acetate
Synonyms: 1,3-Dioxolane-2-acetic acid, 2-methyl-, ethyl ester
2-Methyl-1,3-dioxolane-2-acetic acid ethyl ester
Ethyl 2-methyl-1,3-dioxolane-2-acetate
Ethyl 3-oxobutyrate ethylene ketal
Ethyl 3-oxobutyrate ethylene ketal
Ethyl acetoacetate ethyleneglycol ketal
Ethylacetoacetate ethylene glycol ketal
Ethylacetoacetate ethylene ketal
Fructose
Jasmaprunat

Product-No.: 0213180000

Molecular formula: C₈H₁₄O₄

Molecular weight: 174.20

CAS No.: 6413-10-1

EC No.: 229-114-0

FEMA/GRAS No.: 4477

FCC (V): -

IFRA: corresponds

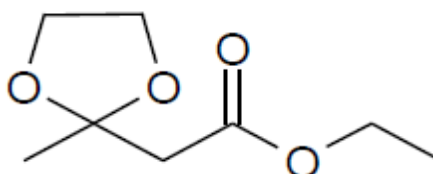
EFFA: -

FDA: -

Tariff number: 2918 99 90

Kosher status: certified

REACH: Preregistration No.: 05-2116902396-45-0000



Specifications

Appearance: colourless liquid
Odour: fresh-fruity; reminiscent of apple and plum
Density d_4^{20} : 1.084 - 1.089 g/cm³
Refractive index n_D^{20} : 1.4312 - 1.4342
Boiling point: 212 °C (1013 hPa), 126 °C (7 hPa)
Melting point: no data available
Flash point: 85 °C
Composition: $\geq 98\%$ Ethyl-2-methyl-1,3-dioxolan-2-yl-acetate
 $\leq 0.3\%$ Ethylacetoacetate

Solubility in water: 140 g/L

Other solubilities: soluble in many organic solvents

Vapour pressure: 0.20 hPa (20 °C)

Stability and storage

Storage: Keep container tightly closed. Keep in a cool, dark, dry, well-ventilated place.
Store in the original container, possibly in full containers or under inert atmosphere.
Stability: Under these conditions stable for at least 6 month.
Additives: Does not contain any stabilising agents.

Please note: This information has been prepared to the best of our knowledge, as an advice for our customers, and without any legal liability. Please ask us for further information especially the Material Safety Data Sheet.