TYPICAL PHYSICAL PROPERTIES

- **Stability**
  - Hypochlorite bleach: Poor
  - Perborate Powder Detergent: Fair
  - Liquid Detergent: Good
  - Concentrated Fabric Softeners: Very Good
  - Soaps: Fair
  - Alcoholic fine fragrances: Good
  - Toiletry Applications: Fair
  - Antiperspirants: Poor

- **Substantivity**
  - Skin: Poor
  - Dry Fabric: Poor
  - Wet Fabric: Fair
  - Hair: Good

**Chemical Structure**

Ethyl 2-(2,4-dimethyl-1,3-dioxolan-2-yl)acetate

Chemical formula: $\text{C}_9\text{H}_{16}\text{O}_4$

**Synonym**

Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate

**Application Information**

Used in apple, fresh fruit, herbal and strawberry accords.

**Odor Type**

Fruity

**Occurrence in Nature**

Not found in nature.

**Tenacity on Blotter**

> 10 hours

**Bloom Diffusivity**

POOR FAIR GOOD VERY

**Typical Use Level**

0% 1% 2% 3% 4% 5% 10% 15% 20% > 30%

**Properties**

- **Odor Type**
  - FRUITY

- **Chemical Structure**
  - Ethyl 2-(2,4-dimethyl-1,3-dioxolan-2-yl)acetate

- **Chemical formula** $\text{C}_9\text{H}_{16}\text{O}_4$

- **CAS No.** 6290-17-1

- **M.W.** 188.22

- **FEMA / GRAS No.**

- **Food Grade Cert.**

- **CLogP** 1.72

- **Vapor Pressure** 7.950 Pa at 25°C

- **Flash Point °C** > 91

- **Appearance** Clear colorless liquid

- **GC** 97% min. sum of isomers

- **OCCURENCE IN NATURE**
  - Not found in nature.