**APPLICATION INFORMATION**

Most often incorporated into fruity-floral creations for soaps, detergents and toiletries. Gives a fragrance body and tenacity.

**CHEMICAL STRUCTURE**

Ethyl 2-(2-methyl-1,3-dioxolan-2-yl)acetate

![Chemical Structure](image)

Chemical formula - C₈H₁₄O₄

**SYNONYM**

Ethyl 2-methyl-1,3-dioxolane-2-acetate

**OCCURRENCE IN NATURE**

Not found in nature.

**TYPICAL PHYSICAL PROPERTIES**

- **Flash Point °C**: 92°C
- ([α]_D^22° minimum**: -
- **GC**: 99% min. as Methyl Dioxolan
- **Appearance**: Colorless to pale yellow liquid
- **CAS No.**: 6413-10-1
- **M.W.**: 174.20
- **FEMA / GRAS No.**: 4477
- **Food Grade Cert.**: YES
- **CLogP**: 1.30
- **Vapor Pressure**: 18.100 Pa at 25°C

**APPLICATION INFORMATION**

- Hypochlorite bleach
- Perborate Powder Detergent
- Liquid Detergent
- Concentrated Fabric Softeners
- Soaps
- Alcoholic fine fragrances
- Toiletry Applications
- Antiperspirants

**TYPICAL USE LEVEL**

- Skin: -
- Dry Fabric: ●
- Wet Fabric: ●
- Hair: ●

**STABILITY**

- POOR | FAIR | GOOD
- Hypochlorite bleach: ●
- Perborate Powder Detergent: ●
- Liquid Detergent: ●
- Concentrated Fabric Softeners: ●
- Soaps: ●
- Alcoholic fine fragrances: ●
- Toiletry Applications: ●
- Antiperspirants: ●

**SUBSTANITY**

- POOR | FAIR | GOOD
- Skin: ●
- Dry Fabric: ●
- Wet Fabric: ●
- Hair: ●

**PROPERTIES**

- **TENACITY ON BLOTTER**
  - > 12: POOR
  - 00: FAIR
  - 00: GOOD

- **BLOOM DIFFUSIVITY**
  - POOR
  - FAIR
  - GOOD
  - VERY

- **Typical Use Level**
  - 0% 1% 2% 3% 4% 5% 10% 15% > 20% 30%

**Compendium**