

## TGSC Information System

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### phenoxyethyl isobutyrate

2-phenoxyethyl isobutyrate

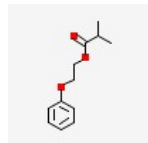
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#### Fragrance Demo Formulas

**Name:** 2-(phenoxy)ethyl 2-methylpropanoate

**CAS Number:** 103-60-6



3D/inchi

**ECHA EINECS - REACH Pre-Reg:** 203-127-1

**FDA UNII:** 43ENB1627Z

**Nikkaji Web:** J182.167I

**Beilstein Number:** 2215248

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**BioActivity Summary:** [listing](#)

**NMR Predictor:** [Predict \(works with chrome, Edge or firefox\)](#)

Category: flavor and fragrance agents

**US / EU / FDA / JECFA / FEMA / FLAVIS / Scholar / Patent Information:**

**Google Scholar:** [Search](#)

**Google Books:** [Search](#)

**Google Scholar: with word "volatile"** [Search](#)

**Google Scholar: with word "flavor"** [Search](#)

**Google Scholar: with word "odor"** [Search](#)

**Perfumer and Flavorist:** [Search](#)

**Google Patents:** [Search](#)

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**EU Patents:** [Search](#)

**Pubchem Patents:** [Search](#)

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**NCBI:** [Search](#)

**JECFA Food Flavoring:** [1028 2-phenoxyethyl isobutyrate](#)

**DG SANTE Food Flavourings:** [09.487 2-phenoxyethyl isobutyrate](#)

**FEMA Number:** [2873 2-phenoxyethyl isobutyrate](#)

**FDA:** [No longer provide for the use of these seven synthetic flavoring substances](#)

**FDA Mainterm (SATF):** [103-60-6 ; 2-PHENOXYETHYL ISOBUTYRATE](#)

**FDA Regulation:**

**FDA PART 172 -- FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION**

Subpart F--Flavoring Agents and Related Substances

**Sec. 172.515 Synthetic flavoring substances and adjuvants.**

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**Pounds per Gallon - est.:** 8.681 to 8.731

**Boiling Point:** 125.00 to 127.00 °C. @ 4.00 mm Hg

**Boiling Point:** 265.00 °C. @ 760.00 mm Hg

**Acid Value:** 1.00 max. KOH/g

**Vapor Pressure:** 0.006000 mmHg @ 25.00 °C. (est)

**Flash Point:** > 212.00 °F. TCC ( > 100.00 °C. )

**logP (o/w):** 2.615 (est)

**Soluble in:**

**alcohol**

**paraffin oil**

**water, 210 mg/L @ 20 °C (exp)**

**Insoluble in:**

**water**

**Stability:**

**alcoholic lotion**

**antiperspirant**

**deodorant stick**

**detergent**

**fabric softener**

**hard surface cleaner**

**shampoo**

**soap**

### Organoleptic Properties:

**Odor Type:** green

**Odor Strength:** medium

**Substantivity:** 184 hour(s) at 100.00 %

**sweet fruity tropical rose honey floral waxy**

**Odor Description:** at 100.00 %. sweet fruity tropical rose honey floral waxy  
Luebke, William tgsc, (1995)

**Odor sample from:** Fritzsche Dodge & Olcott, Inc.

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**green fruity waxy apple**

**Taste Description:** at 50.00 ppm. Green, fruity with waxy apple nuances  
Mosciano, Gerard P&F 16, No. 3, 79, (1991)

**Odor and/or flavor descriptions from others (if found).**

### Symrise

**Phenirat®**

**Odor Description:** sweet, fruity, floral like rose, somewhat like honey

**Taste Description:** Fruity, Kiwi, Sweet, Honey, Pear

Useful in: fruity red, fruity yellow, fruity tropical, fruity others, sweet others.

### Moellhausen

**PHENIRAT**

**Odor Description:** sweet, floreal, rose like, chamomile, honey

**Taste Description:** green fruity, waxy

### PerfumersWorld

**Phenoxy ethyl isobutyrate**

**Odor Description:** sweet aromatic floral-fruity camomile

Blends-well-with - Interesting effects with Raspberry ketone Ionones DMBC Butyrate

### Tadimety Aromatics

**Phenoxy Ethyl Iso Butyrate**

**Odor Description:** Sweet, Fruity, Floral like Rose, Somewhat like Honey

### Cosmetic Information:

**CosIng:** [cosmetic data](#)

**Cosmetic Uses:** [perfuming agents](#)

### Suppliers:

**Apple Flavor & Fragrance**

**2-Phenoxyethyl isobutyrate**