

# MILTITZ AROMATICS GmbH

## Product data sheet

Version: 3

Version date: 09.11.2016

### PRODUCT

### ISOBUTYL ANGELATE 70

Chemical name: Isobutylangelate  
Synonyms: 2-Butenoic acid, 2-methyl-, 2-methylpropyl ester, (Z)-  
Isobutyl 2-methylbut-2-enoate  
Isobutyl 2-methylisocrotonate  
Isobutyl angelate  
Isobutyl cis-2-methyl-2-butenoate

Product-No.: 0109060000

Molecular formula: C<sub>9</sub>H<sub>16</sub>O<sub>2</sub>

Molecular weight: 156.22

CAS No.: 7779-81-9

EC No.: 231-941-7

FEMA/GRAS No.: 2180

FCC (V): -

IFRA: corresponds

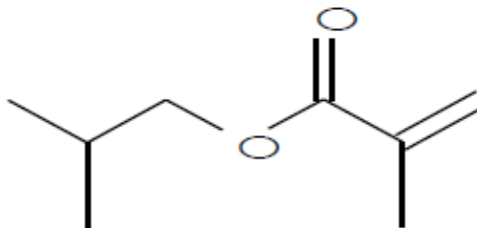
EFFA: registered

FDA: -

Tariff number: 2916 19 95

Kosher status: certified

REACH: Preregistration No.: 05-2116897317-29-0000



### Specifications

Appearance: colourless liquid

Odour: warm-herbaceous, winy-fruity

Density  $d_4^{20}$ : 0.891 - 0.898 g/cm<sup>3</sup>

Refractive index  $n_D^{20}$ : 1.4310 - 1.4390

Boiling point: 75 °C (16 hPa)

Melting point: no data available

Flash point: 48 °C

Composition:  $\geq$  96 % Total content

70 - 75 % 2-Methylpropyl cis-2-methyl-2-butenoate (Isobutylangelate)

20 - 28 % 2-Methylpropyl trans-2-methyl-2-butenoate (Isobutyltiglate)

Solubility in water: 1.6 g/L (practically insoluble, data of Isobutylangelate)

Other solubilities: soluble in many organic solvents

Vapour pressure: 1.34 hPa (20 °C) (Isobutylangelate)

### Stability and storage

Storage: Keep container tightly closed, dark, dry and cool, in a well ventilated place.

Store in the original container, possibly in full containers or under inert atmosphere.

Stability: Under these conditions stable for at least 9 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.