

MILTITZ AROMATICS GmbH

Product data sheet

Version: 3

Version date: 09.11.2016

PRODUCT

ALPHA IONONE 80

Chemical name: 4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (Alpha Ionone)

Synonyms: 3-Buten-2-one, 4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-
4-(2,2,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one
4-(2,6,6-Trimethylcyclohex-2-en-1-yl)but-3-en-2-one
alpha-Cyclocitrylideneacetone
alpha-Ionone
alpha-Irisone

Product-No.: 0100841000

Molecular formula: C₁₃H₂₀O

Molecular weight: 192.3

CAS No.: 127-41-3

EC No.: 204-841-6

FEMA/GRAS No.: 2594

FCC (V): meets requirements

IFRA: corresponds

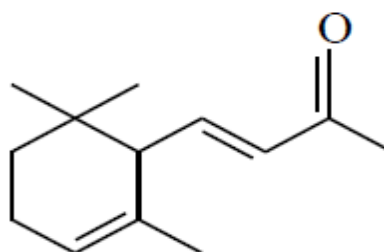
EFFA: registered

FDA: -

Tariff number: 2914 23 00

Kosher status: certified

REACH: Preregistration No.: 05-2115781386-35-0000



Specifications

Appearance: colourless to pale yellow liquid

Odour: woody, flowery

Density d_4^{20} : 0.929 - 0.934 g/cm³

Refractive index n_D^{20} : 1.500 - 1.504

Boiling point: 117 - 123 °C (7 - 8 hPa)

Melting point: no data available

Flash point: 112 °C

Composition: ≥ 90 % total content; mixture of isomers, Ionone, methyl-
 ≥ 79 % 4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (Alpha Ionone)
6 - 15 % 4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one (Beta Ionone)
1 - 8 % Gamma Ionone

Solubility in water: almost insoluble

Other solubilities: miscible with most organic solvents

Vapour pressure: no data available

Stability and storage

Storage: Keep container tightly closed. Keep in a cool, dark, dry, well-ventilated place.
Store in the original container under protective gas (nitrogen).

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.