

MILTITZ AROMATICS GmbH

Product data sheet

Version: 3

Version date: 09.11.2016

PRODUCT

METHYLIONONE GAMMA D (65)

Chemical name: Ionone, methyl- (Mixture of isomers)
Synonyms: 3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one
alpha-Isomethyl ionone; alpha-Isomethylionone; alpha-iso-Methylionone
Iraldeine gamma; Isoraldeine 95; Methyl Ionone alpha Iso; Raldeine gamma

Product-No.: 0100855000

Molecular formula: C₁₄H₂₂O

Molecular weight: 206.32

CAS No.: 1335-46-2

EC No.: 215-635-0

FEMA/GRAS No.: 2714

FCC (V): -

IFRA: corresponds

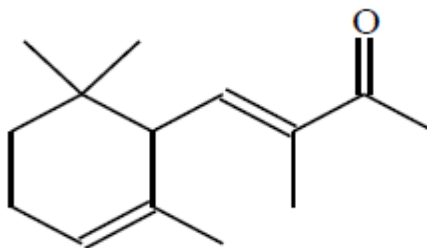
EFFA: -

FDA: -

Tariff number: 2914 23 00

Kosher status: certified

REACH: Preregistration No.: 05-2117255291-49-0000



Specifications

Appearance: pale yellow liquid

Odour: woody, flowery

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

Refractive index n_D^{20} : 1.4980 - 1.5020

Boiling point: 270.6 °C (1013 hPa)

Melting point: -64 °C

Flash point: 126 °C

Composition: \geq 90 % Total content; mixture of isomers, Ionone, methyl-
60 - 70 % alpha-iso-Methylionone (3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one)
17 - 30 % alpha-n-Methylionone (1-(2,6,6-trimethyl-2-cyclohexen-1-yl)pent-1-en-3-
 \leq 10 % beta-n-Methylionone (1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-
3 - 14 % beta-iso-Methylionone (3-methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one)

Solubility in water: $> 21 < 44$ mg/L

Other solubilities: soluble in many organic solvents

Vapour pressure: 0.0022 hPa (20 °C), 0.0041 hPa (at 25 °C), 0.061 hPa (at 50 °C)

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 24 month.

Additives: 200 ppm alpha-Tocopherol

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.