31/07/2026

PCW
PARFUM COSMETIC WORLD
06130 GRASSE - FRANCE
Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19
Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet

METHYLIONONE GAMMA

Manufacture PCW

Reference : METHYLIONONE GAMMA

TECHNICAL DATA

Ref code :	MI-1
I.N.C.I. :	Alpha-Isomethyl ionone
IUPAC Name :	(E)-3-methyl-4-(2,6,6-trimethyl-1-cyclohex-2-enyl)but-3-en-2-one
Chemical / REACH name :	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-Buten-2-one
Molecular formula :	C14 H22 O
Origine géographique :	China
Process :	-
Use of the substance / mixture :	Industrial use only
End use :	Fragrances / Cosmetic
Use level max. recom. :	-
CAS number :	1335-46-2; 127-51-5
Nanomaterials :	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
Additive(s) :	Doesn't contain additives

ANALYTICAL DATA

Appearance :	Liquid
Colour :	Colourless to yellowish
Odour :	Violet
Density at 25°C :	[0.927 ; 0.931]
Refractive index at 20°C :	[1.498 ; 1.502]
Boiling point (°C) :	238
Flash point (°C) (close cup) :	106
Somme of isomers (by G.C.) (%) :	[92.0 ; 100.0]
Purity (%) :	-
Peak #1 (%) :	[b-isomethyl ionone : 3 ; 6]
Peak #2 (%) :	[a-methyl ionone : 20 ; 30]
Peak #3 (%) :	[b-methyl ionone : 0 ; 5]
Residual solvent(s) :	In compliance with the european legislation about extractive solvents (2009/32/EC)

METHYLIONONE GAMMA

Pesticides résiduels :	In compliance with the European Regulation 396/2005 and its Amendments, concerning Pesticides
Endocrine disruptors – health and environment :	
Peak #4 (%) :	[a-isomethyl ionone : 60 ; 70]

COSMETIC REGULAR DATA

Anti-oxydant(s) :	None
Statut kosher :	In compliance with kosher requiments
Halal status :	Complies with halal requirements
Palm oil or palm oil derivatives :	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
Animal testing :	This product was not tested on animals.
ISO 9235 :	Not concerned
ISO 16128 :	0% of natural origin

REGULAR DATA FLAVOURS

Bovine Spongiform Encephalopathy (BSE) :	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
Vegan :	Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

Custom tariff :	2914 23 00
Shelf life :	24 months, according to storage conditions
Precautions of use :	Avoid any direct contact with the product.
Storage :	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : 169
KECI : KE-25391
EINECS (EU) : 215-635-0
ENCS (Japan) n° : Not listed
FDA : 172.5156
FEMA : 2714
FLAVIS : 07.036
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : 404
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TCSI (Taiwan) : Listed
NEPA (China) : CB5183650
NZIoC (New Zealand) : Not listed
PICCS (Philippines) : Listed
RIFM - ID N° : 140
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 1335-46-2 127-51-5