



SASU DIFFUSIONS AROMATIQUES

558 allée des Parfums

Parc d'activités "Les Hauts de Grasse"

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Technical Data Sheet

IRONE ALPHA

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : IRONE ALPHA

Description

FORMULA :	C ₁₄ H ₂₂ O
MOLECULAR WEIGHT :	206.33
INCI NAME :	5-METHYL-ALPHA-IONONE
SYNONYMS :	cis-4-(2,5,6,6-Tetramethylcyclohex-2-enyl)but-3-en-2-one; 6-Methylionone; 6-Methyl-alpha-ionone; cis-(2,6)-cis-(2(1),2(2))-alpha-Irone; alpha-Irone
CHEMICAL IDENTIFICATION :	4(2,5,6,6-tetramethyl-2-cyclohexen-1-yl)3-buten2one
GRADE :	Synthetic
PRODUCT ORIGIN :	On request, according to each batch

ANALYTIC DATA

ODOR :	Sweet ; woody ; floral ; like Orris
Appearance :	Liquid
Color :	Colorless to light yellow
Relative density (d ₂₀ /20) :	[0.931 ; 0.939]
Refractive index to 20°C :	[1.499 ; 1.503]
Flash point :	> 100°C
Solubility(ies) :	Insoluble in water, soluble in ethanol
ASSAY (%GC) :	SUM OF ISOMERS >97% (trans-alpha ionone 45-60% ; Cis-alpha ionone 28-48% ; Beta ionone 0-7%)
OPTICAL ROTATION (°) :	ND
PEROXIDE INDEX :	On request
SPECIFIC GRAVITY (25°C g/cm ³) :	/
ACID VALUE (mg KOH/g) :	ND

REGULATORY DATA

ETHICAL INFORMATION :	KOSHER / HALAL (according to batches ; on request)
FOOD GRADE :	Yes, according to batches (on request)
SOLVENTS (%) :	/
VOC RATE :	0%
RESIDUAL SOLVENTS :	/
ADDITIVES :	/
ANTIOXIDANTS :	
TERPENOIDES :	Does not contains Camphor, Eucalyptol, Menthol
PRESERVATIVE :	/

IRONE ALPHA

% renewable carbon : ND

Specification Data

SHELF LIFE : 24 months in below conditions, after this time it can be used after control.
Storage conditions : Keep in tightly closed container in a cool and dry place, protected from light.
REVISION DATE : 21/02/2024

LEGISLATION :

REACH registration : 01-2120734727-47-****
TARIF DOUANIER / HS CODE : 29142300
FDA : 172.515
EINECS : 201-219-6
FEMA : 2597
COE : 145
C.A.S : 79-69-6