



SASU DIFFUSIONS AROMATIQUES

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Technical Data Sheet

IRONE ALPHA

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : IRONE ALPHA

CARACTERISTIQUES GENERALES

FORMULA : C₁₄ H₂₂ O
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
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 : 09/07/2025

CARACTERISTIQUES ORGANOLEPTIQUES

ODOR : Sweet ; woody ; floral ; like Orris
Appearance : Liquid
Color : Colorless to light yellow
Solubility(ies) : Insoluble in water, soluble in ethanol

CARACTERISTIQUES PHYSICO-CHIMIQUES

Relative density (d_{20/20}) : [0.931 ; 0.939]
Refractive index to 20°C : [1.499 ; 1.503]
Flash point : > 100°C
ASSAY (%GC) : SUM OF ISOMERS >97% (trans-alpha ionone 45-60% ; Cis-alpha ionone 28-48% ; Beta ionone 0-7%)
OPTICAL ROTATION (°) : On request
PEROXIDE INDEX (mmol/O₂) : On request - if applicable
MELTING POINT (capillarity) °C : ND
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 (%) : /
RESIDUAL EXTRACTION SOLVENT : /
ADDITIVES : /
ANTIOXIDANTS : /

IRONE ALPHA

TERPENOIDES : Does not contains Camphor, Eucalyptol, Menthol
% renewable carbon : ND
PRESERVATIVE : /
IMPURETE : May contain (inherent in the material, technically unavoidable) Toluene < 0.015%
VOC RATE : <0.015%

Description

MOLECULAR WEIGHT : 206.33

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