



SASU DIFFUSIONS AROMATIQUES

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558 allée des Parfums

Parc d'activités "Les Hauts de Grasse"

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Technical Data Sheet

ALDEHYDE C14 NAT (Gamma Undecalactone Nat)

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : ALDEHYDE C14 NAT (Gamma Undecalactone Nat)

CARACTERISTIQUES GENERALES

GRADE :	Natural
FORMULA :	C ₁₁ H ₂₀ O ₂
CHEMICAL IDENTIFICATION :	Undecan-4-olide, 5-heptyloxan-2-one
SYNONYMS :	GAMMA UNDECALACTONE
INCI NAME :	GAMMA-UNDECALACTONE
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 :	08/01/2025

CARACTERISTIQUES ORGANOLEPTIQUES

ODOR :	Characteristic ; strong ; peach ; grassy
Appearance :	Oily liquid
Solubility(ies) :	Insoluble in water, soluble in ethanol
Color :	Colorless to light yellow

CARACTERISTIQUES PHYSICO-CHIMIQUES

Relative density (d ₂₀ /20) :	[0.943 ; 0.948]
Refractive index to 20°C :	[1.448 ; 1.455]
Flash point :	> 100°C
ASSAY (%GC) :	>98%
OPTICAL ROTATION (°) :	ND
MELTING POINT (capillarity) °C :	ND
PEROXIDE INDEX (mmol/O ₂) :	On request - if applicable
ACID VALUE (mg KOH/g) :	> 5.0 mgKOH/g

REGULATORY DATA

ANTIOXIDANTS :	/
SOLVENTS (%) :	/
RESIDUAL EXTRACTION SOLVENT :	/
PRESERVATIVE :	/
ADDITIVES :	/
TERPENOIDES :	Does not contains Camphor, Eucalyptol, Menthol
FOOD GRADE :	Yes, according to batches (on request)

ALDEHYDE C14 NAT (Gamma Undecalactone Nat)

ETHICAL INFORMATION : KOSHER / HALAL (according to batches ; on request)

% renewable carbon : 100%

VOC RATE : 0%

Description

MOLECULAR WEIGHT : 184

ANALYTIC DATA

OPTICAL ROTATION (°) : [-2 ; 2]

LEGISLATION :

FLAVIS : 10.002

JECFA : 0233

REACH registration : Exempted (manufactured or imported <1t/year)

EINECS : 203-225-4

COE : 179

TARIF DOUANIER / HS CODE : 29322090

FEMA : 3091

FDA : 172.515

C.A.S : 104-67-6