



## SASU DIFFUSIONS AROMATIQUES

Edité le : 28/07/2025 par DP

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### Technical Data Sheet

## ALDEHYDE C14 (Gamma Undecalactone)

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : ALDEHYDE C14 (Gamma Undecalactone)

### CARACTERISTIQUES GENERALES

FORMULA :	C <sub>11</sub> H <sub>20</sub> O <sub>2</sub>
INCI NAME :	GAMMA UNDECALACTONE
CHEMICAL IDENTIFICATION :	5-Heptyldihydro-2(3H)-furanone
GRADE :	Synthetic
PRODUCT ORIGIN :	According to batches, on request
MODE OF OBTAINING :	ON REQUEST : It can be obtained from RSPO certified palm/palm kernel oil or from other sources
SYNONYMS :	Undecan-4-olide ; gamma undecalactone
SHELF LIFE :	24 months in below conditions, after this time it can be used after control.
Storage conditions :	Store the products in tightly closed cans in a cool, dry place, away from light.
REVISION DATE :	19/03/2024

### CARACTERISTIQUES ORGANOLEPTIQUES

Color :	Colorless to light yellow
ODOR :	Characteristic ; fruity ; peach ; sweet ; grass
Appearance :	Liquid
Solubility(ies) :	Insoluble in water, soluble in ethanol

### CARACTERISTIQUES PHYSICO-CHIMIQUES

Flash point :	> 100°C
Refractive index to 20°C :	[1.445 ; 1.455]
Relative density (d <sub>20/20</sub> ) :	[0.938 ; 0.948]
ASSAY (%GC) :	>98%
ACID VALUE (mg KOH/g) :	<2
SPECIFIC GRAVITY (25°C g/cm <sup>3</sup> ) :	ND
OPTICAL ROTATION (°) :	ND
PEROXIDE INDEX ( mmol/O <sub>2</sub> ) :	On request - if applicable
MELTING POINT (capillarity) °C :	ND

### REGULATORY DATA

ETHICAL INFORMATION :	KOSHER / HALAL (on request)
FOOD GRADE :	Yes, according to batches (on request)
ADDITIVES :	/
ANTIOXIDANTS :	/
SOLVENTS (%) :	/

## ALDEHYDE C14 (Gamma Undecalactone)

*TERPENOIDES* : Does not contains Camphor, Eucalyptol, Menthol

*RESIDUAL EXTRACTION SOLVENT* : /

*PRESERVATIVE* : /

*% renewable carbon* : 0%

*VOC RATE* : 0%

### **Specification Data**

*PALM OIL* : May contain palm oil and derivatives according to batches

### **Description**

*MOLECULAR WEIGHT* : 184.28

### **LEGISLATION :**

COE : 179

EINECS : 203-225-4

JECFA : 0233

FEMA : 3091

TARIF DOUANIER / HS CODE : 29322090

FLAVIS : 10.002

REACH registration : 01-2119959333-34-\*\*\*\*

FDA : 172.515

C.A.S : 104-67-6