



## SASU DIFFUSIONS AROMATIQUES

Edité le : 20/11/2025 par DP

SAS DIFFUSIONS AROMATIQUES - VIDARA Groupe

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### Technical Data Sheet

## GAMMA HEXALACTONE

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : GAMMA HEXALACTONE

### CARACTERISTIQUES GENERALES

**SYNONYMS :** Tonkalide , Gamma caprolactone, Dihydrotonkalide, Ethyl butyrolactone, HEXAN-4-OLIDE ; 4-HEXANOLIDE ; DIHYDRO-5-ETHYL-2(3H)-FURANONE; (1,4)-HEXANOLIDE; 4-HYDROXY-HEXANOICACID-LACTONE

**CHEMICAL IDENTIFICATION :** 5-ethyloxolan-2-one

**FORMULA :** C6 H10 O2

**GRADE :** Synthetic

**INCI NAME :** GAMMA-CAPROLACTONE

**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 :** 20/08/2025

### CARACTERISTIQUES ORGANOLEPTIQUES

**Appearance :** Liquid

**Color :** Colorless to pale-yellow

**ODOR :** Herbaceous ; milky ; tobacco smell ; creamy

**Solubility(ies) :** Insoluble in water, soluble in ethanol

### CARACTERISTIQUES PHYSICO-CHIMIQUES

**Relative density (d20/20) :** [1.023 ; 1.050]

**Refractive index to 20°C :** [1.436 ; 1.442]

**Flash point :** > 98°C

**ASSAY (%GC) :** > 98%

**ACID VALUE (mg KOH/g) :** < 3.0 mgKOH/g

**OPTICAL ROTATION (°) :** ND

**PEROXIDE INDEX ( mmol/O2) :** On request - if applicable

**MELTING POINT (capillarity) °C :** ND

### REGULATORY DATA

**FOOD GRADE :** Yes, according to batches (on request)

**ETHICAL INFORMATION :** Kosher / Halal (according to batches ; on request)

**ADDITIVES :** /

**RESIDUAL EXTRACTION SOLVENT :** /

**ANTIOXIDANTS :** /

**SOLVENTS (%) :** /

# GAMMA HEXALACTONE

*TERPENOIDES* : Does not contains Camphor, Eucalyptol, Menthol  
*PRESERVATIVE* : /  
*% renewable carbon* : ND  
*VOC SWISS* : 0%

## **LEGISLATION :**

TARIF DOUANIER / HS CODE : 2932209090  
FEMA : 2556  
COE : 2254  
FLAVIS : 10.021  
JECFA : 0223  
REACH registration : 01-2120789753-37-\*\*\*\*  
EINECS : 211-778-8  
FDA : 172.515  
C.A.S : 695-06-7