



SASU DIFFUSIONS AROMATIQUES

Edité le : 14/10/2026 par AC

SAS DIFFUSIONS AROMATIQUES - VIDARA Groupe

558 allée des Parfums

Parc d'activités "Les Hauts de Grasse"

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Technical Data Sheet

GAMMA HEXALACTONE FG

Supplier: SASU DIFFUSIONS AROMATIQUES

Reference : GAMMA HEXALACTONE FG

CODE : GHEXAL

GENERAL CHARACTERISTICS

CHEMICAL IDENTIFICATION : 5-ethyloxolan-2-one

FORMULA : C₆ H₁₀ O₂

GRADE : Synthetic

INCI NAME : GAMMA-CAPROLACTONE

SYNONYMS : GAMMA CAPROLACTONE, DIHYDROTONKALIDE, ETHYL BUTIROLACTONE

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

ORGANOLEPTIC CHARACTERISTICS

Appearance : Liquid

Color : Colorless to pale-yellow

ODOR : Sweet ; balsamic

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

PHYSICO-CHEMICAL PROPERTIES

Relative density (d_{20/20}) : [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

SPECIFIC GRAVITY (25°C
g/cm³) : ND

REGULATORY DATA

FOOD GRADE : YES

ETHICAL INFORMATION : Kosher / Halal (on request)

ADDITIVES : /

RESIDUAL EXTRACTION
SOLVENT : /

ANTIOXIDANTS : /

GAMMA HEXALACTONE FG

SOLVENTS (%) : /
TERPENOIDES : Does not contains Camphor, Eucalyptol, Menthol
PRESERVATIVE : /
% renewable carbon : /

Description

MOLECULAR WEIGHT : 114.00

LEGISLATION :

FDA : 172.515
EINECS : 211-778-8
REACH registration : Exempted Food flavours only
JECFA : 0223
FLAVIS : 10.021
COE : 2254
FEMA : 2556
TARIF DOUANIER / HS CODE : 2932209090
C.A.S : 695-06-7