



SASU DIFFUSIONS AROMATIQUES

Edité le : 24/10/2025 par MCL

558 allée des Parfums

Parc d'activités "Les Hauts de Grasse"

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Technical Data Sheet

2-3 PENTANEDIONE

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : 2-3 PENTANEDIONE

CARACTERISTIQUES GENERALES

SYNONYMS :	ACETYL PROPIONYL ; ACETYL PROPANAL
FORMULA :	C5 H8 O2
CHEMICAL IDENTIFICATION :	Pentane-2,3-dione
GRADE :	Synthetic
PRODUCT ORIGIN :	On request, according to each batch
INCI NAME :	PENTANEDIONE
Storage conditions :	Under nitrogen. Cold room. Store in perfectly airtight original packaging. After opening, check quickly.
SHELF LIFE :	12 months in below conditions, after this time it can be used after control.
REVISION DATE :	10/01/2024

CARACTERISTIQUES ORGANOLEPTIQUES

Color :	Yellow to greenish yellow
ODOR :	Pleasant, caramel, butter, cheese, powerful, oily
Appearance :	Liquid
Solubility(ies) :	Insoluble in water, soluble in ethanol

CARACTERISTIQUES PHYSICO-CHIMIQUES

Flash point :	18°C
Refractive index to 20°C :	[1.402 ; 1.406]
Relative density (d20/20) :	[0.954 ; 0.967]
ASSAY (%GC) :	> 98%
OPTICAL ROTATION (°) :	ND
PEROXIDE INDEX (mmol/O2) :	On request - if applicable
MELTING POINT (capillarity) °C :	-52°C
SPECIFIC GRAVITY (25°C g/cm3) :	ND
ACID VALUE (mg KOH/g) :	

REGULATORY DATA

FOOD GRADE :	Yes, according to batches (on request)
ETHICAL INFORMATION :	Kosher / Halal (according to batches ; on request)
TERPENOIDES :	Does not contains Camphor, Eucalyptol, Menthol
RESIDUAL EXTRACTION SOLVENT :	/
SOLVENTS (%) :	/

2-3 PENTANEDIONE

ANTIOXIDANTS : /
ADDITIVES : /
PRESERVATIVE : /
VOC SWISS : 0%
% renewable carbon : ND

TRANSPORT - HANDLING

TRANSPORT and STORAGE REGULATIONS : This product polymerizes or oxidizes after a certain period of time and/or during manipulation, we recommend to minimize storage time.

Description

MOLECULAR WEIGHT : 100.12

LEGISLATION :

FDA : 172.515
JECFA : 410
REACH registration : Low tonnage exemption <1T/year
TARIF DOUANIER / HS CODE : 2914199090
FLAVIS : 07.060
COE : 2039
EINECS : 209-984-8
FEMA : 2841
C.A.S : 600-14-6