



## SASU DIFFUSIONS AROMATIQUES

Edité le : 19/06/2025 par CB

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### Technical Data Sheet

## 2.3 PENTANEDIONE NATURAL

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : 2.3 PENTANEDIONE NATURAL

### CARACTERISTIQUES GENERALES

*SYNONYMS* : ACETYL PROPIONYL ; 2,3-PENTANODIONE  
*FORMULA* : C5 H8 O2  
*GRADE* : Natural  
*CHEMICAL IDENTIFICATION* : Pentane-2,3-dione  
*PRODUCT ORIGIN* : On request, according to each batch  
*INCI NAME* : PENTANEDIONE  
*Storage conditions* : UNDER NITROGEN. IN 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* : 05/09/2024

### CARACTERISTIQUES ORGANOLEPTIQUES

*Appearance* : Liquid  
*Color* : Yellow  
*ODOR* : Characteristic ; butter ; cheese ; pungent  
*Solubility(ies)* : Insoluble in water, soluble in ethanol

### CARACTERISTIQUES PHYSICO-CHIMIQUES

*ASSAY (%GC)* : >98%  
*Flash point* : 18°C  
*Refractive index to 20°C* : [1.401 ; 1.407]  
*Relative density (d20/20)* : [0.953 ; 0.968]  
*OPTICAL ROTATION (°)* : ND  
*PEROXIDE INDEX ( mmol/O2)* : On request - if applicable  
*MELTING POINT (capillarity) °C* : -52°C  
*ACID VALUE (mg KOH/g)* : ND  
*SPECIFIC GRAVITY (25°C g/cm3)* : /

### 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 NATURAL

ANTIOXIDANTS : /  
ADDITIVES : /  
PRESERVATIVE : /  
% renewable carbon : ND

### **Description**

MOLECULAR WEIGHT : 100.12

### **LEGISLATION :**

JECFA : 410  
FLAVIS : 07.060  
EINECS : 209-984-8  
REACH registration : Exempted (Imported or manufactured <1T/year)  
COE : 2039  
FEMA : 2841  
TARIF DOUANIER / HS CODE : 2914199090  
FDA : 172.515  
C.A.S : 600-14-6