



## SASU DIFFUSIONS AROMATIQUES

Edité le : 25/03/2024 par DP

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### Technical Data Sheet

## CYCLOPENTADECANOLIDE

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : CYCLOPENTADECANOLIDE

### Description

**SYNONYMS :** CYCLOPENTADECANOLIDE; PENTADECANE-1,15-LACTONE  
**MOLECULAR WEIGHT :** 240.39  
**FORMULA :** C<sub>15</sub> H<sub>28</sub> O<sub>2</sub>  
**CHEMICAL IDENTIFICATION :** OXACYCLOHEXADECAN-2-ONE  
**GRADE :** Synthetic  
**INCI NAME :** PENTADECALACTONE  
**PRODUCT ORIGIN :** On request, according to each batch

### ANALYTIC DATA

**Appearance :** Liquid to solidified  
**Color :** White  
**ODOR :** Characteristic ; Musky  
**Flash point :** > 100°C  
**ASSAY (%GC) :** [Min. 98.50% ; 100]  
**ACID VALUE (mg KOH/g) :** <2  
**OPTICAL ROTATION (°) :** ND  
**Refractive index to 20°C :** NA  
**Relative density (d<sub>20/20</sub>) :** NA  
**Solubility(ies) :** Insoluble in water, soluble in ethanol  
**PEROXIDE INDEX ( mmol/O<sub>2</sub>) :** On request

### REGULATORY DATA

**ETHICAL INFORMATION :** KOSHER / HALAL (on request)  
**FOOD GRADE :** According to batches (on request)  
**ANTIOXIDANTS :** /  
**SOLVENTS (%) :** /  
**ADDITIVES :** /  
**TERPENOIDES :** Does not contains Camphor, Eucalyptol, Menthol  
**RESIDUAL SOLVENTS :** /  
**PRESERVATIVE :** /  
**% renewable carbon :** ND

### Specification Data

**Storage conditions :** Keep in tightly closed container in a cool and dry place, protected from light.  
**SHELF LIFE :** 24 months in below conditions, after this time it can be used after control.

# CYCLOPENTADECANOLIDE

REVISION DATE : 25/03/2024

MUSKS : 100% macrocyclic musk

## **LEGISLATION :**

COE : 181

FDA : 172.515

FLAVIS : 10.004

JECFA : 239

EINECS : 203-354-6

REACH registration : 01-2119987323-31-\*\*\*\*

TARIF DOUANIER / HS CODE : 29322090

FEMA : 2840

C.A.S : 106-02-5