

Foreverest Resources Ltd

Delta-Decalactone

98%

Delta Decalactone is naturally found in coconut and raspberry. It appears yellow transparent liquid with fruity and creamy odor. Delta-Decalactone can be produced by the aldol reaction of cyclopentanone and valeraldehyde or the free radical addition reaction of Ditert-butyl peroxide and Cyclopentanone. It is commonly used as a flavoring and fragrance agent of daily chemical products and the main flavor compound in skim milk powder to create coconut-like flavor.

Substance Identification

Synonyms	δ -Decalactone delta-Lactones 5-Decanolide 6-Pentyltetrahydro-2H-pyran-2-one 6-Pentyltetrahydro-2H-pyran-2-one δ -Decanolactone δ -Pentyl- δ -valerolactone
CAS	N/A
EINECS	211-889-1

FEMA	N/A
HS.CODE	29322090
Molecular Formula	C10H18O2
Molecular Weight	170.25

Application & Uses

- Used as a fragrance in creamy, tropical nuances in household products
- Used as flavor in mango, nectarine, coconut, raspberry flavors, etc.
- Used as a coumarin replacer
- Used as pharmaceutical preparations
- Used as feed additives

Sales Specification

ITEM	VALUE
Appearance	Yellow clear liquid
Odor	Fruity, Milk
Refractive Index, @ n20/D	1.456 to 1.459
Relative Density, @ d25/25	0.965 to 0.975

ITEM	VALUE
Solubility	Insoluble in water, soluble in alcohol

Package

- Galvanized Iron Drum (new), 25kg net each
- Galvanized Iron Drum (new), 50kg net each
- Galvanized Iron Drum (new), 200kg net each

GHS Hazard Statements

H-Code H316/320
P-Code P264
Response P305+P351+P338 P332+P313 P337+P313
Storage no data available
Disposal no data available
S-phrases: S24/25-S37/39-S26 | R-phrases: R36/37/38

Storage

- heat sensitive
- light sensitive
- keep container tightly closed in a dry and well-ventilated place
- store in cool place

Relation Products

- [Delta-Decalactone](#)

Relation Articles

- [Synthesizing the Future](#)

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.