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TECHNICAL DATA SHEET

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Chemical name : MILK LACTONE **Product code :** 11460

Synonyms : 5 + 6 Decenoic acid

Formula : C₁₀ H₁₈ O₂

Molecular Weight : 170,28

Boiling point : 301°C

Flash Point : 154°C

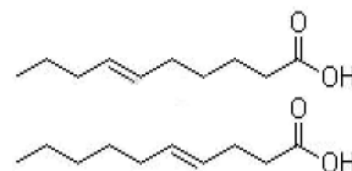
Melting point : n/a

Chemical specifications:

Refractive Index at 25 °C : 1.445 / 1.455

Density at 25 °C : 0.919 / 0.925

Acid value ≤ n/a



Chromatographic and organoleptic specifications :

Purity (GC) ≥ **95,0% sum of isomers**

Appearance : Clear liquid, colorless to pale yellow

Odor and taste : Powerful milk, cheese-like odor

CAS : 72881-27-7

FEMA/GRAS : 3742

EINECS : not listed

Flavis : 08.068

Tariff code: 29 16 19 95 90

✓ Kosher

✓ Halal

✓ Coeliac

✓ Vegan

Organic

Nature occurrence : none

1334/2008/CE Status : Flavouring substance

Dangerous good for transport : No

Storage conditions :

Temperature : Room temperature

Retest date about 24 months

Store in a tightly closed and preferably full container under nitrogen

Packing containers :

Glass bottle

Aluminium bottle

✓ Plastic container

✓ Poly-coated steel drum

Stainless steel drum

Soluble in:

✓ Essential oils

✓ Propylen Glycol

✓ Alcohol

Water

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