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TECHNICAL DATA SHEET

Revised date : 14/01/2013

Chemical name : TRANS 2 TRANS 4 DECADIENAL

Product code : 11418

Synonyms : 2,4-Decadienal, (E,E)-

Formula : C₁₀ H₁₆ O

Molecular Weight : 152.24

Boiling point : 84°C / 0.5 mmHg

Flash Point : 105°C

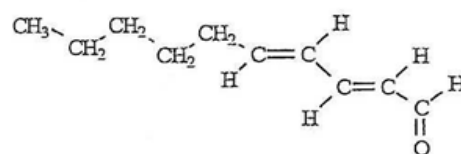
Melting point : n/a

Chemical specifications:

Refractive Index at 20 °C : 1.514 / 1.519

Density at 25 °C : 0.866 / 0.876

Acid value ≤ 5



Chromatographic and organoleptic specifications :

Purity (GC) ≥ **95,0% sum of isomers**
90,0% T2T4

Appearance : Colorless to pale yellowish liquid

Odor and taste : Very powerful citrusy odor. Essential in citrus flavours
Fresh and sweet in dilution, with orange, grapefruit taste.

CAS : 25152-84-5

FEMA/GRAS : 3135

EINECS : 246-668-9

Flavis : 05.140

Tariff code: 29 12 19 00 00

✓ Kosher

✓ Halal

✓ Coeliac

✓ Vegan

Organic

Nature occurrence : Bilberry, grape, rum, tea, carrot, peas, tomato, potato.

1334/2008/CE Status : Flavouring substance

Dangerous good for transport : No

Storage conditions :

Temperature ≤ 5 °C

Shelf life about 30 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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