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## TECHNICAL DATA SHEET

Revised date : 28/07/2011

**Chemical name :**

**ETHYL CIS 4 HEPTENOATE**

**Product code :**

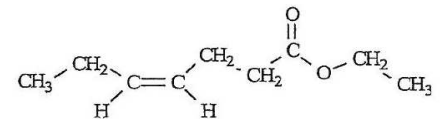
**11658**

**Synonyms :** Ethyl (Z)-4-Heptenoate ; 4-Heptenoic acid, ethyl ester, (Z) -

Formula : C<sub>9</sub> H<sub>16</sub> O<sub>2</sub>  
Molecular Weight : 156,22  
Boiling point : 189°C  
Flash Point : 66°C  
Melting point : n/a

Chemical specifications:

Refractive Index at 20 °C : 1.425 / 1.431  
Density at 20 °C : 0.888 / 0.898  
Acid value ≤ 2



Chromatographic and organoleptic specifications :

Purity (GC) ≥ **98,0% sum of isomers**

Appearance : Clear liquid, colorless to slightly yellow

Odor and taste : Pungent, green apple or vegetable with sweet or musty tones  
Bitter green apple or vegetable

CAS : 39924-27-1  
FEMA/GRAS : 3975  
EINECS : 254-702-9  
Flavis : 09.922  
Tariff code: 29 16 19 95 90

Kosher  
Halal  
✓ Coeliac  
✓ Vegan  
Organic

Nature occurrence : Passion fruit (yellow) juice.

1334/2008/CE Status : Flavouring substance

Dangerous good for transport : No

Storage conditions :

Temperature : Room temperature  
Shelf life about 12 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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