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## TECHNICAL DATA SHEET

Revised date : 08/12/2014

**Chemical name :** 4 PENTENOIC ACID **Product code :** 13327

**Synonyms :** *Allyl acetic acid; 3-Vinylpropionic acid*

Formula : C5 H8 O2

Molecular Weight : 100,12

Boiling point : 188°C

Flash Point : 89°C

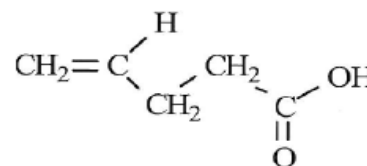
Melting point : n/a

Chemical specifications:

Refractive Index at 25 °C : 1.425 / 1.431

Density at 20 °C : 0.978 / 0.983

Acid value ≤ n/a



Chromatographic and organoleptic specifications :

Purity (GC) ≥ 97,0%

Appearance : Clear colorless liquid

Odor and taste : Powerful, pungent, mustard-like.  
Sour, caramellic, with sweet aftertaste.

CAS : 591-80-0  
FEMA/GRAS : 2843  
EINECS : 209-732-7  
Flavis : 08.048  
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 : Yes

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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