



1 Rue de la Croix des Maheux
95000 Cergy - FRANCE
Tél. : + 33 / (0)1.34.25.58.10
Fax : + 33 / (0)1.34.25.58.18

TECHNICAL DATA SHEET

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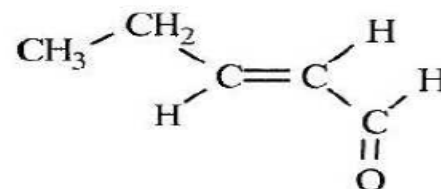
Chemical name : TRANS 2 PENTENAL **Product code :** 13322

Synonyms : 2-Ethylacrylic aldehyde ; 3-Ethylacrolein ; 3-Ethyl-2-propenal; propionic acid

Formula : C5 H8 O
Molecular Weight : 84,11
Boiling point : 124°C
Flash Point : 22°C
Melting point : n/a

Chemical specifications:

Refractive Index at 25 °C : 1.439 / 1.444
Density at 20 °C : 0.849 / 0.858
Acid value ≤ n/a



Chromatographic and organoleptic specifications :

Purity (GC) ≥ **96,0%**

Appearance : Clear, oily liquid, colorless to pale yellow

Odor and taste : Pungent, green apple, oragne, tomato odor.
Fresh and ethereal fruity taste.

CAS : 1576-87-0
FEMA/GRAS : 3218
EINECS : 216-414-1
Flavis : 05.102
Tariff code: 29 12 19 00 00

✓ Kosher
✓ Halal
✓ Coeliac
✓ Vegan
Organic

Nature occurrence : Orange, mandarin cranberry, cubbage, chicken (heated).

1334/2008/CE Status : Flavouring substance

Dangerous good for transport : Yes

Storage conditions :

Temperature ≤ 5 °C
Retest date 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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