



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

Revised date : 15/01/2015

Chemical name : TRANS 2 DECENAL **Product code :** 11453

Synonyms : Decenaldehyde, 3-Heptylacrolein, 2-Decen-1-al

Formula : C₁₀ H₁₈ O

Molecular Weight : 154,25

Boiling point : 108-112°C / 0.6-0.8 mmHg

Flash Point : 96°C

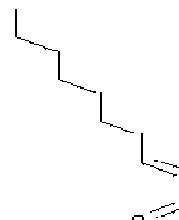
Melting point : n/a

Chemical specifications:

Refractive Index at 20 °C : 1.453 / 1.457

Density at 25 °C : 0.842 / 0.847

Acid value ≤ 5



Chromatographic and organoleptic specifications :

Purity (GC) ≥ **95,0% Trans Isomer**
0,1%- 3,0% Cis Isomer

Appearance : Clear liquid, colorless to pale yellow

Odor and taste : Fatty, fried taste somewhat citrusy in dilution

CAS : 3913-81-3

FEMA/GRAS : 2366

EINECS : 223-474-2

Flavis : 05.191

Tariff code: 29 12 19 00 00

✓ Kosher

✓ Halal

✓ Coeliac

✓ Vegan

Organic

Nature occurrence : Cranberry, melon, chicken

1334/2008/CE Status : Flavouring substance

Dangerous good for transport : No

Storage conditions :

Temperature ≤ 5 °C

Retest date about 14 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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