



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

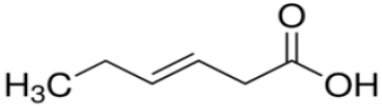
## TECHNICAL DATA SHEET

Revised date : 30/07/2014

**Chemical name :** TRANS 3 HEXENOIC ACID

**Product code :** 12048

**Synonyms :** 3-Hexenoic acid

|   |  |   |
|---|--|---|
| Formula : C <sub>6</sub> H <sub>10</sub> O <sub>2</sub> | <u>Chemical specifications:</u><br>Refractive Index at 25 °C : 1.437 / 1.441<br>Density at 20 °C : 0.956 / 0.968<br>Acid value ≤ n/a |  |
| Molecular Weight : 114,15                               |  |   |
| Boiling point : 90°C / 2.5 mmHg                         |  |   |
| Flash Point : > 100°C                                   |  |   |
| Melting point : n/a                                     |  |   |

Chromatographic and organoleptic specifications :

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

Appearance : Colorless to pale yellow liquid

Odor and taste : Honey hay odor  
Acidic honey taste of excellent tenacity

|                             |           |   |
|-----------------------------|-----------|---|
| CAS : 1577-18-0             | ✓ Kosher  | <u>Nature occurrence :</u> Pork(heated)           |
| FEMA/GRAS : 3170            | ✓ Halal   |   |
| EINECS : 216-417-8          | ✓ Coeliac | <u>1334/2008/CE Status :</u> Flavouring substance |
| Flavis : 08.050             | ✓ Vegan   |   |
| Tariff code: 29 16 19 95 90 | Organic   | <u>Dangerous good for transport :</u> Yes         |

|   |  |   |
|---|--|---|
| <u>Storage conditions :</u><br>Temperature : Room temperature<br>Shelf life about 24 months<br><br>Store in a tightly closed and preferably full container under nitrogen | <u>Packing containers :</u><br>Glass bottle<br>✓ Aluminium bottle<br>Plastic container<br>✓ Poly-coated steel drum<br>Stainless steel drum | <u>Soluble in:</u><br>✓ Essential oils<br>✓ Propylen Glycol<br>Alcohol<br>Water |
|---|--|---|

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