

# MILTITZ AROMATICS GmbH

## Product data sheet

Version: 3

Version date: 09.11.2016

### PRODUCT ALDEHYD C11 UNDECANAL

Chemical name: n-Undecanal  
Synonyms: Aldehyde C-11, undecylic  
Hendecanal  
n-Undecanal  
n-Undecylaldehyde  
Undecanal  
Undecylic aldehyde

Product-No.: 0101080000

Molecular formula: C<sub>11</sub>H<sub>22</sub>O

Molecular weight: 180

CAS No.: 112-44-7

EC No.: 203-972-6

FEMA/GRAS No.: 3092

FCC (V): meets requirements

IFRA: corresponds

EFFA: registered

FDA: -

Tariff number: 2912 19 00

Kosher status: certified

REACH: Preregistration No.: 05-2119399726-19-0000



### Specifications

Appearance: clear, colourless to yellowish liquid

Odour: fruity-fatty

Density  $d_4^{20}$ : 0.824-0.835 g/cm<sup>3</sup>

Refractive index  $n_D^{20}$ : 1.4290 - 1.3450

Boiling point: 223 °C (1013 hPa)

Melting point: -1 °C

Flash point: > 100 °C

Composition:  $\geq$  95 % n-Undecanal

Solubility in water: Immiscible

Other solubilities: miscible with most organic solvents

Vapour pressure: < 1 kPa (50 °C)

### Stability and storage

Storage: Store product under (gas): Nitrogen  
Keep only in the original container in a cool, well-ventilated place. Store in a dry place.  
Store in a closed container. Protect from sunlight.

Stability: Under these conditions stable for at least 8 month.

Additives: 0.05 % alpha-Tocopherol

**Please note:** This information has been prepared to the best of our knowledge, as an advice for our customers, and without any legal liability. Please ask us for further information especially the Material Safety Data Sheet.