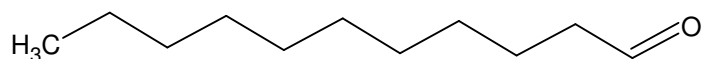


# Undecanal

## Technical Data Sheet

Undecanal

Synonyms: aldehyde C-11 undecylic, hendecanal, undecylic aldehyde



### Registration

CAS No.	112-44-7
EINECS No.	203-972-6
FEMA No.	3092

### Specifications

Acid Value (mg KOH/g)	max. 5
Undecanal (Area %)	min. 98
Water (%)	max. 0.5

### Standard Packaging

Drum 160 kg, IBC 800 kg, bulk

### Chemical & Physical Properties

General Formula	C <sub>11</sub> H <sub>22</sub> O
Molecular Weight (g/mol)	170.3
Density (g/cm <sup>3</sup> , 25 °C)	0.828
Refractive Index (20 °C)	1.4300 – 1.4340
Boiling point (°C, 1013 mbar)	129– 131
Melting point (°C)	-56
Flash point (°C)	25

### Stabilization

0,05 % Tocopherol

### Retesting and Storage

Retesting recommended after 6 months,  
recommended storage temperature at 20 °C.

### Description

Appearance	clear, colorless liquid
Odor	aldehydic
Flavor	waxy, aldehydic, soapy with a citrus note and slight laundry detergent nuance

### Applications

Intermediate, Flavor & Fragrance

January 2017

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