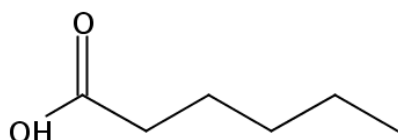


# Hexanoic acid

## Technical Data Sheet

1-Hexanoic acid

Synonyms: Caproic acid, Fatty Acid C6



Registration	
CAS No.	142-62-1
Registration No.	01-2119978228-24-0009
FEMA No.	2559

Specification	
Hexanoic acid (% rel)	min. 99.00
Valeric acid (% rel)	max. 0.35
Heptanoic acid (% rel)	max. 0.15
Acid value (mg KOH/g)	476 - 484
Color (Hazen)	max. 100
Water (%)	max. 0.2
Refractive Index ( $n_d^{20}$ )	1.416 – 1.418
Density (g/cm <sup>3</sup> ; 20 °C)	0.926 – 0.929

Chemical & Physical Properties	
General Formula	C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>
Molecular Weight (g/mol)	116.2
Boiling point (°C, 1013 mbar)	203
Melting point (°C)	-4
Flash point (°C)	104
Ignition point (°C)	380

Packaging
On request

Description	
Appearance	clear, colorless to pale yellow liquid
Odor	fatty, rancid, sweet, cheesy
Flavor	fatty, sweet

Applications
Intermediate, Flavor & Fragrance

June 2019

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