

Hexanal HP

Technical Data Sheet

Hexanal HP

Synonyms: Hexaldehyde, Caproic aldehyde, Aldehyde C6



Registration	
CAS No.	66-25-1
EINECS No.	200-624-5
FEMA No.	2557

Specifications	
Acid Value (mg KOH/g)	max. 5
Refractive Index (n_D^{20})	1.402 – 1.406
Color (Hazen)	max. 20
Water (%)	max. 0.1
Hexanal (% rel)	min. 99.0
Pentanal (% rel)	max. 0.1
Heptanal (% rel)	max. 0.1
Others each (% rel)	max. 0.2

Standard Packaging
Drum 160 kg, bulk

Chemical & Physical Properties	
General Formula	$C_6H_{12}O$
Molecular Weight (g/mol)	100.2
Density (g/cm^3 , 20 °C)	0.812 – 0.816
Boiling point (°C, 1013 mbar)	129 – 131
Melting point (°C)	-56
Flash point (°C)	25
Ignition point (°C)	220

Retesting
Recommended after 6 months of storage

Stabilization
500 ppm BHT

Description	
Appearance	clear, colorless liquid
Odor	green, fatty, leaf, fruity, aldehydic
Flavor	green, woody, vegetable, apple, grassy, citrus, orange

Applications
Intermediate, Flavor & Fragrance

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