



Product Specification

Product Name: n PENTANE TG

Alternate Name(s) PENTANES

Description

Colourless liquid. Mild gasoline-like odour.

Properties

Chemical Formula: C₅H₁₂

Molecular Weight: 72.15

Product Code: PT004

CAS No. 109-66-0

General Information:

Insoluble in water. Miscible with most organic solvents. Incompatible with strong oxidising agents. EXTREMELY FLAMMABLE.

Hazard and Safety Data

UN Group: 1
Class: 3
UN Number: 1265
Hazchem code: 3YE
CS MSDS Code: 1CHEY
Poison schedule: S5
Emergency
Procedure Guide No.: 14

Quality Specification

Assay: 95.0 % min.

Specific Properties and Impurities [Typical levels]:

Nonvolatile matter	≤ 0.1%
Flamm. Limit LEL	1.4%
Flamm. Limit UEL	7.8%
Flash Point	-49 °C c.c.
Specific Gravity	0.62624
Vapour Pressure (@ 25 °C)	500 mm Hg
Boiling Point	36.1 °C
Melting Point	-129.7 °C
Density (@ 15 °C)	630.0 - 634.0 kg/m ³
Autoignition Temp.	308 °C
Evaporation Rate (butyl acetate = 1)	28.6
Vapour Density (air=1)	2.5

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