

N-PENTANE



CAS Number: 109-66-0

Other Names: Skellysolve A; Amyl hydride; Tetrafume; Tetrakil

Formula: C_5H_{12}

PRODUCT INTRODUCTION

N-Pentane is a straight chain alkane having chemical formula C_5H_{12} . It appears as a clear colorless liquid with a petroleum-like odor. Pentanes are components of some fuels and are employed as specialty solvents in the laboratory.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless and Transparent
Odor	No residual odor
N-hexane % (m/m)	ND
N-pentane % (m/m)	99.45
Benzene % (m/m)	ND
Sulphur (ppm)	0.78
Bromine index (mgBr/100g)	112.45

APPLICATIONS

- n-Pentane is used in consumer merchandise such as spot lifters/cleaners and foaming shave gels and in commercial products such as a blowing agent for expanded polystyrene (foam) insulation.
- It may also be used as a solvent (in pure form) in laboratory, chemical analysis, and other settings where a highly volatile non-polar solvent is needed

PACKING OPTIONS

Drums

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