

# N-PENTANE

CAS Number: 109-66-0

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

Formula: C<sub>5</sub>H<sub>12</sub>

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## PRODUCT INTRODUCTION

N-Pentane is a straight chain alkane having chemical formula C<sub>5</sub>H<sub>12</sub>. 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.

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## 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

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## 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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