

# N-HEXANE 99%

CAS Number: 110-54-3

Other Names: Skellysolve B; Gettysolve-B; Hexyl hydride;  
hexan; Dipropyl

Formula: C<sub>6</sub>H<sub>14</sub>

## PRODUCT INTRODUCTION

Hexane is an unbranched alkane with chemical formula C<sub>6</sub>H<sub>14</sub>. It is a colorless liquid with a slightly disagreeable odor. It is highly flammable, and its vapors can be explosive. It is miscible with alcohol, chloroform, acetone and ether. It has acts as a non-polar solvent.

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless
Specific Gravity 15/4°C	0.6640
Initial Boiling Point (°C)	68.4
Dry Point (°C)	68.9
Color, Saybolt	-30
Total Sulfur (wt ppm)	LT 0.1
Benzene (wt ppm)	0
N-Hexane (wt%)	99.24
Total C6 Isomers (wt %)	0.35
C5 Hydrocarbons (wt ppm)	0
Bromine Index (mg/100mL)	0.1
Non-Volatile Matter (mg/ 100mL)	0.3
Acidity (mg NaOH/100mL)	N.D.
Water Content (wt ppm)	20

## APPLICATIONS

- The major use for solvents containing n-Hexane is to extract vegetable oils from crops such as soybeans.
- These solvents are also used as cleaning agents in the printing, textile, furniture, and shoemaking industries.

- Certain kinds of special glues used in the roofing and shoe and leather industries also contain n-Hexane.
  - Several consumer products contain n-Hexane, such as gasoline, quick-drying glues used in various hobbies, and rubber cement.
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## **PACKING OPTIONS**

Drums

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