

N-HEXANE



CAS Number: 110-54-3

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

Formula: C_6H_{14}

PRODUCT INTRODUCTION

Hexane is an unbranched alkane with chemical formula C_6H_{14} . 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

API Gravity at 60°F	77.7
Initial Boiling Point at 760mmHG	152.2°F
FBP at 760 mmHG	156.2°F
Boiling Range	4°F
Corrosion Copper Strip	1A
Temperature	50°C
Time	3 Hours
Acidity	Neutral
Non-Volatile Matter	0.1 mg/100g
Doctor Test	Negative
Saybolt Color	> 30
Total Sulfur	< 1.0 ppm
Benzene	< 1.0 ppm
Water Content	69 ppm
n-Hexane	61.56 wt. %

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.
- It has been used in many types of non-mercury thermometers, especially for thermometers used in low temperature ranges
- Pure n-hexane is widely used in laboratories as an extractant for nonpolar compounds and in calibrating instruments for analyses of volatile organic compounds (VOC) or total petroleum hydrocarbons (TPH)
- Several consumer products contain n-Hexane, such as gasoline, quick-drying glues used in various hobbies, and rubber cement.

PACKING OPTIONS

Tanks

Drums

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