

MILES® HEPTANE

Heptane (Mixed Isomers)

Product Data Sheet**PRODUCT DESCRIPTION**

Miles® Heptane is a clear, colorless, fast-evaporating aliphatic hydrocarbon solvent with a mild petroleum-like odor. The commercial grade is typically a blend of heptane isomers.

It is widely used for cleaning and degreasing, as a carrier in adhesives, coatings and inks, and as an extraction solvent. It is highly flammable, insoluble in water, and soluble in most organic solvents.

Chemical Name: Heptane (mixed isomers)**CAS Number:** 92045-53-9**Chemical Formula:** C₇H₁₆**Molecular Weight:** 100.2 g/mol**TYPICAL APPLICATIONS**

Miles® Heptane is suitable for use in applications including:

- Cleaning and degreasing
- Carrier solvent in adhesives, coatings and inks
- Extraction solvent
- General-purpose non-polar solvent

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value
Appearance	Clear, colorless liquid
Chemical Family	Aliphatic hydrocarbon (C7)
Distillation Range	94–100°C (201–212°F)
Flash Point	approx. -5°C (23°F)
Density	0.700–0.725 g/mL at 15°C
Composition	Blend of mainly C7 alkane isomers; n-heptane 35% minimum
Water Solubility	Insoluble
Transport	UN1206, Class 3 (flammable liquid)

Mixed-isomer commercial heptane varies slightly by supplier. Confirm against the supplier's COA.

The values shown are typical physical properties and are not intended to constitute product specifications.

PRODUCT FEATURES

- Fast-evaporating solvent with a distillation range of about 94–100°C
- Effective non-polar solvency for oils, greases and similar organic materials
- Insoluble in water and soluble in most organic solvents
- Supplied in drum quantities for production and maintenance use

STORAGE & HANDLING

Store in tightly closed, properly labeled containers in a cool, well-ventilated area, away from heat, sparks, open flames and other ignition sources. Ground and bond containers during transfer to prevent static discharge.

Highly flammable liquid and vapor (UN1206, Class 3). Vapors may form explosive mixtures with air. Consult the applicable Miles® Safety Data Sheet (SDS) before handling, storing, or using this product.

AVAILABLE PACKAGING

- 322-Pound Drums

Packaging availability may vary. Contact Miles Lubricants LLC for current packaging and minimum-order requirements.

IMPORTANT

Miles® Heptane is intended for industrial applications. It should not be represented or used as USP, pharmaceutical, food, cosmetic, or personal-care grade unless the specific product supplied is independently certified for those applications.

PRODUCT INFORMATION

Miles Lubricants LLC

Industrial Lubricants, Chemicals & Specialty Fluids

Product: Miles® Heptane (322 lb Drum)

CAS No.: 92045-53-9

For product availability, technical information, and Safety Data Sheets, contact Miles Lubricants LLC.

DISCLAIMER

The information and typical properties contained in this Product Data Sheet are provided for general informational purposes and are believed to be accurate at the time of publication. Typical values are not specifications or guaranteed properties. Product users are responsible for determining the suitability, compatibility, safety, and regulatory compliance of the product for their particular application. Please consult the applicable Safety Data Sheet before use.