

MILES® ACETONE

Dimethyl Ketone / 2-Propanone

Product Data Sheet**PRODUCT DESCRIPTION**

Miles® Acetone is a clear, colorless, low-boiling, flammable, volatile liquid characterized by rapid evaporation and a faintly aromatic, sweetish odor. It is readily miscible in most organic solvents and completely miscible with water.

Acetone is commonly utilized as a solvent, cleaning agent, and chemical intermediate across coatings, adhesives, and industrial processing applications.

Chemical Name: 2-Propanone / Dimethyl Ketone / Acetone

CAS Number: 67-64-1

Chemical Formula: C₃H₆O

Molecular Weight: 58.08 g/mol

TYPICAL APPLICATIONS

Miles® Acetone is suitable for use in applications including:

- Paint, coating, and lacquer solvent/thinner
- Adhesive and cement formulations
- Industrial and equipment cleaning/degreasing
- Chemical intermediate (MIBK, MMA, bisphenol-A, and other derivatives)
- Nail polish remover and personal-care formulations
- General industrial processing

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value
Appearance	Clear, colorless liquid
Molecular Weight	58.08 g/mol
Boiling Point @ 1 atm	56.1°C (133°F)
Freezing Point	-94.6°C (-138°F)
Specific Gravity @ 25/25°C	≤ 0.788
Viscosity @ 15°C	0.337 mPa·s (cP)
Vapor Pressure @ 20°C	181.7 mm Hg (3.51 psi)
Vapor Density (air = 1)	2.0
Flash Point, Closed Cup	-17.8°C (0°F)
Flash Point, Open Cup	-9°C (15.8°F)
Autoignition Temperature	465°C (869°F)
Solubility in Water	Completely miscible

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

PRODUCT FEATURES

- High purity
- Excellent solvency for resins, oils, and waxes
- Fast, clean evaporation
- Complete water miscibility
- Widely compatible chemical intermediate

STORAGE & HANDLING

Store in tightly closed containers in a cool, dry, well-ventilated area, away from heat, sparks, open flames, and other ignition sources. Acetone is an extremely flammable liquid; ground and bond containers and transfer equipment to control static discharge.

Consult the applicable Miles® Safety Data Sheet (SDS) before handling, storing, or using this product.

AVAILABLE PACKAGING

- 358-Pound Drums
- Totes / IBCs
- Bulk

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

IMPORTANT

Miles® Acetone 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® Acetone (358 lb Drum)

CAS No.: 67-64-1

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.