

MILES® SOLVENT D60

Dearomatized Aliphatic Hydrocarbon Solvent

Product Data Sheet**PRODUCT DESCRIPTION**

Miles® Solvent D60 is a low-odor, dearomatized aliphatic hydrocarbon fluid consisting predominantly of C10–C13 paraffins and naphthenes. Deep hydrogenation gives this solvent a very low aromatic content and negligible odor compared to conventional mineral spirits.

Solvent D60 is commonly utilized as a low-odor cleaning solvent, extraction solvent, and carrier fluid in numerous industrial formulations.

Chemical Name: Hydrocarbons, C10-C13, isoalkanes, cyclics, aromatic-free (dearomatized aliphatic hydrocarbon fluid)

CAS Number: 64742-48-9 (typical; may vary slightly by refiner's specific process stream)

Chemical Formula: Complex hydrocarbon mixture (UVCB substance — no single molecular formula)

Molecular Weight: Not applicable (mixture)

TYPICAL APPLICATIONS

Miles® Solvent D60 is suitable for use in applications including:

- Low-odor industrial and equipment cleaning
- Extraction solvent
- Printing ink and paint thinning/reduction
- Carrier fluid for agricultural and specialty formulations
- Metalworking and degreasing fluids
- General industrial processing

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value
Appearance	Bright & clear, colorless liquid
Aromatic Content	≤ 0.001 wt% (essentially aromatic-free)
Density @ 15°C	0.793 g/mL (793 kg/m ³)
Initial Boiling Point	185°C (365°F)
90% Boiling Point	207°C (405°F)
Dry Point	214°C (417°F)
Flash Point	62–65°C (145–149°F)
Aniline Point	70°C (158°F)
Refractive Index @ 20°C	1.437
Viscosity @ 25°C	1.66 mm ² /s (cSt)
Sulfur Content	≤ 1 mg/kg
Solubility in Water	Negligible / insoluble

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

PRODUCT FEATURES

- Very low aromatic content (dearomatized)
- Low odor
- High flash point relative to conventional mineral spirits
- Good solvency for oils, waxes, and resins
- Consistent, narrow distillation range
- Suitable for numerous industrial formulations

STORAGE & HANDLING

Store in tightly closed containers in a cool, dry, well-ventilated area, away from heat, sparks, open flames, and other ignition sources. Solvent D60 can accumulate static charge; ground and bond containers and transfer equipment during bulk handling operations.

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

AVAILABLE PACKAGING

- 348-Pound Drums
- Totes / IBCs
- Bulk

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

IMPORTANT

Miles® Solvent D60 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® Solvent D60 (348 lb Drum)

CAS No.: 64742-48-9

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, based on published technical literature for this class of dearomatized aliphatic hydrocarbon solvent (D60-grade). Typical values are not specifications or guaranteed properties, and exact values may vary slightly depending on the specific supplier/refiner stream. 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.