

**MILES® TOLUENE**

Methylbenzene / Toluol

**Product Data Sheet****PRODUCT DESCRIPTION**

Miles® Toluene is a clear, mobile aromatic hydrocarbon solvent with a distinctive sweet odor. It offers strong solvency for coatings, paints, thinners, adhesives and resins, and is used in chemical processing and extraction.

It is highly flammable and should be stored and handled away from ignition sources.

**Chemical Name:** Toluene (methylbenzene)

**CAS Number:** 108-88-3

**Chemical Formula:** C<sub>7</sub>H<sub>8</sub>

**Molecular Weight:** 92.14 g/mol

**TYPICAL APPLICATIONS**

**Miles® Toluene is suitable for use in applications including:**

- Paints, coatings and thinners
- Adhesive and resin solvent
- Chemical processing and extraction
- Analytical and laboratory use

## TYPICAL PHYSICAL PROPERTIES

| Property         | Typical Value                             |
|------------------|-------------------------------------------|
| Appearance       | Clear, colorless liquid                   |
| Purity           | 99.5% minimum (technical grade)           |
| Boiling Point    | 110°C (231°F)                             |
| Melting Point    | -95°C (-139°F)                            |
| Flash Point      | 4°C (40°F)                                |
| Specific Gravity | 0.867 (typical range 0.865–0.875 at 20°C) |
| Water Solubility | Low; soluble in organic solvents          |
| Transport        | UN1294, Class 3, Packing Group II         |

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

## PRODUCT FEATURES

- Strong solvency for coatings, paints, resins and adhesives
- High-purity technical grade (99.5% minimum)
- Boiling point of 110°C for moderate evaporation
- Low water solubility; compatible with organic solvents

## 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 (UN1294, Class 3, Packing Group II). May cause drowsiness or dizziness. Consult the applicable Miles® Safety Data Sheet (SDS) before handling, storing, or using this product.

## AVAILABLE PACKAGING

- 398-Pound Drums

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

## **IMPORTANT**

Miles® Toluene 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® Toluene (398 lb Drum)

**CAS No.:** 108-88-3

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.