

Dimethyl Carbonate (DMC)

Sustainable, Versatile Green Solvent & Chemical Intermediate

Dimethyl carbonate (DMC) is a clear, biodegradable, low-toxicity solvent and chemical intermediate recognized for its versatility and sustainability profile. With low odor, high oxygen content, and excellent solvency, DMC supports environmentally responsible and high-performance applications. SMC Global supplies high-quality DMC with dependable logistics and technical support.

Why Choose Dimethyl Carbonate?

- Biodegradable and low toxicity
- VOC Exempt
- Low odor and environmentally favorable profile
- Excellent solvency and reactivity
- Non-corrosive and easy to handle

Key Uses

Lithium-Ion Batteries

Key electrolyte solvent used to enhance ion transport, thermal stability, and overall battery performance.

Polycarbonates & Resins

Used as a sustainable intermediate in the production of polycarbonates, improving material properties and process efficiency.

Lubricants & Polyurethanes

Acts as a reactive intermediate and solvent supporting performance and sustainability in advanced formulations.

Paints, Coatings & Adhesives

Low-odor solvent that improves formulation flexibility while helping reduce environmental impact.

Cleaning & Degreasing

Effective, lower-toxicity alternative for industrial and precision cleaning applications.

Fuel Additives & Biodiesel Production

Used as an oxygenated fuel additive and as a reagent in biodiesel manufacturing to improve combustion efficiency and emissions profiles.