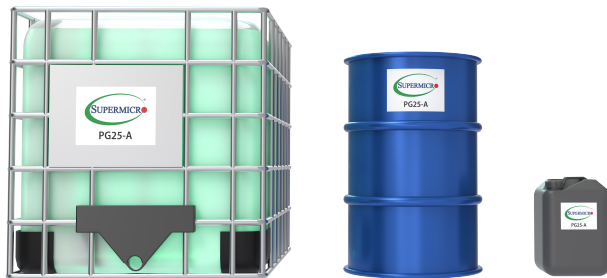


# Supermicro Coolant - SMC PG25-A

Advanced High-Performance Coolant Engineered for High-Density AI Liquid Cooling Systems



## Designed for High-Power AI & HPC Data Center Performance and Efficiency

- **Long-Lasting, Reliable Performance:** Maintains stable chemical and thermal performance, extending service life
- **Safeguard Critical Components:** Effectively protects copper, aluminum, stainless steel, and other materials
- **High Compatibility:** Fully compatible with metals, plastics, and elastomers (including EDPM and silicone)
- **Efficiency Optimized:** Low viscosity enables better flow and more effective heat exchange, resulting in consistent temperatures, lower energy use, and stable operation
- **Safe Formulation:** PG-based, low-toxicity, and generally non-hazardous

### Long-Term Reliability

The Supermicro SMC PG25-A is engineered to deliver exceptional chemical and thermal stability, ensuring reliable performance under continuous operation in demanding high-performance environments, including next-generation AI and HPC data centers. Backed by real-world deployments, its advanced formulation significantly minimizes degradation over time, extends service life, and reduces maintenance requirements—delivering consistent, long-term system reliability.

### Comprehensive System Protection

SMC PG25-A delivers advanced multi-metal corrosion protection combined with superior anti-bacterial performance, effectively safeguarding critical system components. It significantly reduces the risks of corrosion, scaling, and biofouling, while maintaining optimal fluid purity and preserving overall system integrity. This ensures long-term durability and reliable operation across a wide range of cooling conditions.

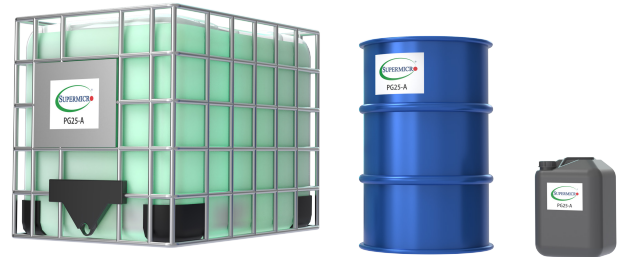
### Compatibility & Flexibility

SMC PG25-A is designed for exceptional compatibility with a broad spectrum of materials, including metals, plastics, and elastomers. This versatility ensures seamless integration across diverse system designs. In addition, customizable formulations are available to precisely address customer requirements, such as concentration, operating conditions, and application-specific compatibility needs.

### Efficient & Safe Operation

SMC PG25-A is engineered with a low viscosity formulation, delivering efficient heat transfer and stable flow performance even under demanding operating conditions. The PG-based formulation offers low toxicity and is generally non-hazardous, which simplifies transportation, storage, handling, and regulatory compliance while supporting safe and efficient system operation.

Supermicro Coolant	SMC PG25-A
Type	High-performance synthetic liquid coolant
Application	Direct-to-chip liquid cooling for AI & HPC
Key Features	<ul style="list-style-type: none"> <li>• Optimized for high heat flux and efficient thermal performance</li> <li>• Broad material compatibility across metals, plastics, and elastomers</li> <li>• Long-term stability for reliable continuous operation</li> </ul>
Supply Specifications	20L / 200L / 1000L



### Learn More About Supermicro Direct Liquid Cooling & Data Center Building Block Solutions®

Supermicro's Data Center Building Block Solutions (DCBBS) delivers complete, modular AI infrastructure. Built from validated components and sub-systems, DCBBS provides end-to-end deployment flexibility — from individual GPUs and networking switches to complete racks, site infrastructure, management software, and professional services.



**In-Rack CDU**



**In-Row CDU**



**L2A Sidecar CDU**



**Water Cooling Tower**



**Dry Cooler**



**Rear Door Heat Exchanger**