

GrindClean GK01S Grinding Coolant Specification Sheet

Product Overview:

GrindClean GK01S is a high-performance, oil-free synthetic grinding coolant engineered to enhance grinding efficiency, extend wheel life, and improve workpiece quality. It offers exceptional cooling, excellent rust protection, and superior lubrication. Specifically engineered for use with diamond and CBN grinding wheels, GK01S minimizes heat buildup and wheel wear while ensuring a clean grinding operation.

Key Benefits:

- **Superior Cooling & Lubrication** – Reduces heat buildup, minimizing thermal damage and improving workpiece finish.
- **Extended Wheel Life** – Minimizes wheel loading and glazing, ensuring consistent performance.
- **Non-Foaming Formula** – Ensures stable coolant flow for optimal grinding conditions.
- **Corrosion Protection** – Safeguards both machine components and workpieces from rust and oxidation.
- **Environmentally Friendly** – Free from harmful additives, making it safe for operators and disposal.
- **Compatible with Various Materials** – Ideal for use on steels and hardened steels and used for light to medium duty machining. Also good for Quartz, ceramic and glass grinding.

Application & Usage:

- Works efficiently in both standard grinding machines and centrifuge systems.
- Recommended dilution ratio: 5-10%, depending on application needs and local water quality.

Technical Specifications:

- **Color:** Clear/Amber
- **pH Level:** 10:1 Dilution: 9.2
- **Viscosity:**
 - cSt @ 40°C: 5.0
 - SUS @ 100°F: 42.0
- **Flash Point:** None
- **Pour Point:** 28°F (Max)
- **Sulfur Content:** 0.0%
- **Chlorine Content:** 0.0%
- **Mineral Oil Content:** 0.0%
- **Refractometer Readings:**
 - 10% Solution: 3.5
 - 5% Solution: 1.8

Ordering Information:

GrindClean GK01S is available in various packaging options to suit different operational needs:

- **5-gallon pails**
- **55-gallon drums**
- **275-gallon totes**

Why Choose GrindClean GK01S?

For precision grinding applications requiring maximum performance, consistency, and environmental safety, GrindClean GK01S is the ideal coolant choice. Reduce downtime, extend tool life, and achieve superior grinding results with this advanced synthetic coolant.

Contact Information:

For more information or to place an order, contact us at:

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