

# product data sheet

## **VARCOOL 9000SC**

**A high performance formaldehyde and triazine free system cleaner.**

**VARCOOL 9000SC** is a highly effective biocidal system cleaner designed for the sterilization of machine tools where soluble coolants are used.

**VARCOOL 9000SC** is designed to lift oily residues and swarf from contaminated systems whilst killing bacteria and fungal spores.

**VARCOOL 9000SC** is designed to be mixed with water; it has been developed to exhibit full multi-metal compatibility and is suitable for use in soft and hard water types.

### **Recommended dosage and use**

Varcool 9000SC should be used at a concentration of 2% and added to the in-use metal working fluid and circulated for between 24 and 48 Hours prior to drainage of the used fluid. The system should be flushed with fresh clean water before the machine is charged with the new metalworking fluid.

Mix emulsions of Varcool 9000SC with water by adding concentrate to water and then mixing or use a suitable proportioning mixer unit, these are available on request. The use of an airline to mix the solution is not recommended. Machine top up may require a weaker dilution than the initial machine charge concentration. Recommended concentrations can vary depending on operations, materials, tooling, coolant pressure, coolant flow. The above information is given for guidance. Please contact your representative for further advice.

### **Storage**

Varcool 9000SC should always be stored indoors and protected from frost. Good standards of hygiene and housekeeping should always be adopted when using any metalworking fluid.

As with all modern cutting fluids, concentration control is of paramount importance, therefore regular check by use of a refractometer is recommended for this product. It should be noted that the individual product refractometer correction factor should always be used to ensure accuracy.

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Varol Metalworking		Varol Machine Lubricants	
<b>Varcut</b>	Neat cutting oils, high performance, extensive range of viscosities	<b>Varlube S</b> Viscosity 32 - 320	Slideway
<b>Varform</b>	Comprehensive range of neat forming oils, including water extendable versions and vanishing oils	<b>Varmulti</b> Viscosity 32 - 680	Multilube - Slideway, Gear, Hydraulic
<b>Varclean</b>	Aqueous based wash fluids, surface cleaners and solvent degreasers	<b>Vargear</b> Viscosity 68 - 460	Industrial Gear
<b>Varcool &amp; Vargrind</b>	Comprehensive range of high performance water soluble fluids. Low, medium, high oil content and synthetics	<b>Varpress</b> Viscosity 5 - 150	Hydraulic oil range covering zinc containing, zinc free and high VI