

Technical Data Sheet

Chemtools® Pty Ltd | Ph: 1300 738 250 (+61 2 9833 9866) | Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760
Safety Data Sheets, product photos, and other information can be obtained by visiting www.chemtools.com.au



Tap-N-Cool Soluble Cutting Fluid - GP

PART NUMBER	AVAILABLE SIZE*
CT-SCGO-1L	1 Litre
CT-SCGO-5L	5 Litres
CT-SCGO-20L	20 Litres

*Available colours and/or sizes may change without notice.

DESCRIPTION

Chemtools® Tap-N-Cool Soluble Cutting Fluid - GP is a medium duty, non-staining blend of solvent refined mineral oils and specialised additives for extreme pressure protection. Its long-lasting lubricating formula boasts a highly effective biocide package to ensure the in-use emulsion resists forming bacteria and fungus, thereby reducing spoilage and odours.

SCGO provides an excellent finish on a wide variety of metals, offering good corrosion inhibition to maintain a rust-free environment for machine tools and finished parts. It remains highly stable when diluted - even when mixed with hard water up to 400ppm, while its application range extends to high speed machines where the primary requirements are cooling and surface finish.

RECOMMENDED OPERATIONS

Milling	Turning/Boring	Drilling	Screw Machining	Grinding	Sawing	Reaming
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DIRECTIONS

Mix concentrate with tap water before use and avoid very cold water. Refer to Dilution Ratios chart below for different metal types and operations. Continue mixing until a stable, milky emulsion is formed.

Note: Always add the concentrate to water with agitation, to avoid gelling or splitting of the emulsion. Use a dosing unit or mixer to ensure constant concentration for optimum fluid performance.

DILUTION RATIOS

OPERATION	ALL METAL TYPES
Milling	5 – 7% Water
Turning/Boring	
Screw Machining	
Sawing	
Reaming	
Drilling	
Grinding	3 – 5% Water

TECHNICAL DATA

Appearance	Brown Liquid
Appearance (5% Emulsion)	Milky white
Density	0.91 (@ 20°C)
R1 Factor	0.98
Flash Point	> 200°C

FIRST AID & SAFETY PRECAUTIONS

Always refer to Safety Data Sheet/s before use. Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet/s for this product have been fully understood by all persons who will work with the material.

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STORAGE & TRANSPORT

Refer to Safety Data Sheet/s for recommendations. As a general precaution, keep containers tightly closed, protect from sunlight, and do not expose to temperatures exceeding 50°C. Store in a cool, dry place at room temperature (5 – 40°C). Do not return any unused material to its original container. Containers should be secured and stored upright during transit.

DISCLAIMER

Every effort has been made to ensure the information provided in this document is accurate at the date of publication. Chemtools® Pty Ltd expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools® Pty Ltd shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.