



A NEW FORCE IN CHEMICAL MANUFACTURING

Unit 2, 14-16 Lee Holm Road
St Marys NSW 2760
Australia

Ph: 1300 738 250 (Australia)
Ph: +61 2 9833 9766 (International)
Fax: 02 9623 3670

sales@chemtools.com.au
www.chemtools.com.au

TECHNICAL DATA SHEET

MARCH 2015

PRODUCT NAME

Straight Cutting Fluid

PRODUCT RANGE

Part Number	Available Size
CT-SCF-300	300g Aerosol
CT-SCF-1L	1 Litre
CT-SCF-5L	5 Litres
CT-SCF-20L	20 Litres
CT-SCF-200L	200 Litres



Refer to SDS for product safety guidelines

Straight Cutting Fluid

Chemtools® Straight Cutting Fluid is a high performance, medium duty, non-staining neat oil based on solvent refined mineral oils and specialised functional chemistry.

Straight Cutting Fluid is formulated from solvent refined mineral oil and specialised, high performance extreme pressure (EP) additives. For overall performance, Straight Cutting Fluid contains corrosion inhibitors and extreme pressure lubricants. It can be used on a range of metal types inclusive of yellow metals. It also contains polymer chemistry to minimise misting.

FEATURES AND BENEFITS:

- Has excellent extreme pressure/anti-wear properties
- Maximises tool life and provides an excellent surface finish
- Excellent corrosion inhibition to maintain a rust free environment for machine tools and finished parts.
- Is free flowing for rapid dissipation of heat from the removal/forming operation
- Is recommended for both Ferrous and non-Ferrous metals
- Used for both metal removal and forming operations (see table of recommended applications)

RECOMMENDED APPLICATIONS:

Duty	Operation	Ferrous	Non Ferrous
Light	Grinding	√	√
	Sawing	√	√
	Milling	√	√
	Reaming	√	√
Medium	Milling	√	√
	Turning/Boring	√	√
	Drilling	√	√
	Screw Machining	√	√
	Stamping	√	√

PROPERTIES:

Appearance	Amber liquid
Density	0.876 (@20°C)
Flash Point	> 200°C

PRECAUTIONS:

This product is capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the material.

WARRANTY:

All products purchased from or supplied by Chemtools® are subject to terms and conditions set out in the contract. Chemtools® warrants only that its products meet the specifications designated as such herein, or in other publications. All other information supplied by Chemtools® is considered accurate, but is furnished upon the express condition. The customer shall make its own assessment to determine the products suitability for a particular purpose. Chemtools® makes no other warranty, either expressed or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or products will not infringe any patent.