



# TECHNICAL DATA SHEET

## A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: June 2020

## DEOX Silicone Fluid

PART NUMBER	AVAILABLE SIZE
CT-R14SF-1L	1L Bottle
CT-R14SF-5L	5L Bottle

### PRODUCT DESCRIPTION

Chemtools® DEOX Silicone Fluid is colourless, odourless, non-toxic, and non-staining assembly lubricant, offering superior performance in a variety of ways. It has a low surface tension for easy workability, excellent dielectric properties, a wide temperature range, and is thermally stable when exposed to excessive heat for short or extended periods.

DEOX Silicone Fluid is a water repellent and rust preventative, and with a neutral acidity/basicity, it is chemically inert to most common materials. It is soluble in a wide range of solvents and is used in multiple industrial applications, such as paint and coating additives, mechanical fluids and penetrating oils, high gloss polishes, thread lubricants, oil heaters, wet transformers, and many others. It also a great release agent for rubber, plastic, and non-ferrous die casting.

### TECHNICAL DATA

Silicone Type	Dimethylpolysiloxane
Appearance	Translucent, colourless, liquid
Specific Gravity	0.98 – 1.02
Penetration (25°C)	210 - 300
Maximum Volatiles (150°C/24hr)	2%
Acidity/Basicity	Neutral
Thermal Stability	Stable from -40°C to 200°C for extended periods, and greater for short periods
Solubility	Soluble in chlorinated hydrocarbon and aromatic solvents
Limited Solubility	All other solvents
Shelf Life	24 months in original container



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### FIRST AID AND SAFETY PRECAUTIONS

This product is not classified as hazardous, however, it is recommended that reference be made to the Safety Data Sheet (SDS) before use for complete first aid, safety, and storage information.

Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. 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 (SDS) for this product have been fully understood by all persons who will work with the material.

Store in a cool, dry, well-ventilated place, in a closed container. Keep out of the reach of children.

### DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® 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 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.

### FURTHER INFORMATION

Please visit Chemtools® online at [www.chemtools.com.au](http://www.chemtools.com.au) for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.