

# Information Sheet



## Coolant CS-50E

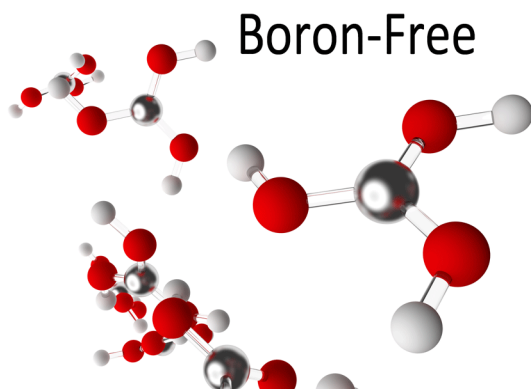
- Boron-free
- Formaldehyde-free
- Bacteria control
- Exceptional machining
- Oil-free
- Transparent emulsion

## Coolant CS-50E

Exceptional (oil-free), long service life, metalworking fluid.

Novel, high performance, lubricity additives give this product superb machining characteristics, outperforming neat oils and highly chlorinated soluble oils.

Chlorine-free and Sulphur-free which makes the product suitable for Rolls Royce subcontract machining.



Boron-free – Boric acid is a Substance of very high concern (SVHC) and therefore, some customers like to use fluids which are free from boric acid and its derivatives.

Coolant CS-50E

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Formaldehyde-free – Formaldehyde and 3 key formaldehyde donors are now labelled as Cat 1b carcinogens and mutagens. This product is free of all formaldehyde donor biocides.

MIT/BIT-free – MIT and BIT are known sensitizers, this product is free from any ingredient which is labelled as a skin sensitizer.

Oil-free – mineral oil has misting hazards, this product has no mist hazard as well as being low misting.

Bacteria and micro-organism control

Coolant CS50E contains a combination of amines and carboxylic acids which together make this fluid very resistant to microbiological spoilage.

This product has been used in numerous systems in the UK, Europe and worldwide and has been shown to control bacterial to near sterile conditions for the life-time of the fluid in the sump. This control of bacteria helps customers meet their obligations as set out by the Health and Safety executive (UK).

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