



## Cutwel Limited

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# Cutclean SC

Biocidal / Fungicidal System Cleaner For Soluble Metalworking Fluid Systems

## Product Profile

Cutclean SC System Cleaner is a biocidal/fungicidal cleaner and disinfectant fluid for use in self-contained or centralised water based coolant systems and machine tools using soluble cutting oils.

Used to remove oil slime and bacterial sludge deposits, use of this product prior to a coolant change will significantly increase the life of the new coolant.

## Instructions For Use

- 1) Add 2 % Cutclean SC System Cleaner by volume to the existing coolant 48 hours prior to changing the coolant. The machine can be used as normal during this period. Ensure that all coolant pipes are turned on and fill the sump to the top to allow the cleaner to thoroughly sterilize all areas of the machine.

**N.B. Overdosing of System Cleaner may lead to excessive foaming and/or skin/eye irritation.**

- 2) Empty out the existing coolant taking care to "skim" off any tramp oil first. Wipe out the coolant tank removing any stubborn dirt and grime.
- 3) Remove turnings/swarf from the machine sump and bed.
- 4) If the sump is badly contaminated fill with clean water and add 1% Cutclean SC System Cleaner. Circulate for approximately 15 - 30 minutes. Where this is not practical e.g. large sumps, part fill with water and a small amount of System Cleaner and mop / wipe around the sump to remove any remaining sludge.
- 5) Sump out water / System Cleaner and wipe out remaining sludge with clean rags.
- 6) Re-fill with new clean coolant. If possible, use of an automatic mixer unit (e.g. Mixtron) is advisable. If mixing by hand, calculate the amount of coolant concentrate required and add SLOWLY in to clean drums.
- 7) Circulate the new coolant through the machine and test the strength with a hand refractometer. Adjust the strength if required.
- 8) The machine is ready for use.

## Typical Test Data

Density @ 15°C	0.89
pH (3%in water)	9.6
Flash Point (°C)	180
Freezing Point (°C)	-2

## Availability

Cutclean SC is available in 20 litre drums, 5 litre and 1 litre bottles.

## Health and Safety

Please refer to the relevant Safety Data Sheet, a copy of which is freely available to all customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification.