

MACHINE TOOL CLEANER

Fast Detergent Action Cleaner

DESCRIPTION

MACHINE TOOL CLEANER is a powerful, effective cleaner for machine tools and central coolant systems. Mix it with water for use. This makes a quick acting solvent-detergent solution that removes grease and gummy deposits from machine surfaces. It also purges caked residue and scum from coolant sumps, lines and fittings. Use it to clean return trenches and main reservoirs in central coolant systems.

For optimum effectiveness add 0.5-1 litre **MACHINE TOOL CLEANER** per 100 litres to the system 24 hours before the final cleaning above or spray neat **MACHINE TOOL CLEANER** on to difficult to remove gums and leave for 24 hours before the final cleaning as above.

FEATURES

- Water based – non flammable
- Cleans grease dirt from machine surfaces
- Ideal cleaner – central coolant systems
- Cleans scum from machine sumps or machines

TYPICAL VALUES

Product Appearance	Pale Yellow Fluid
Emulsion Appearance @5%	Translucent White
pH @2%v/v	9.8
Specific Gravity @ 15°C	1.00 kg/L
Free Caustic	None
Phosphate	None
Operating Temperature	Ambient to 60°C

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

01 July 2011 Version 1.0, Code: MTC



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REFERENCES

MACHINE TOOL CLEANER is being used in most Auto component facilities in the US, Europe and Asia.

HOW TO USE

Five simple steps to clean your machine:

1. Dump old fluid from system. Add enough fresh water for thorough circulation.
2. Add 3-6 litres **MACHINE TOOL CLEANER** per 100 litres of water in sump. Quantity required depends on condition of equipment.
3. Circulate solution for one to two hours, or until all deposits are loosened. Make sure that all surfaces to be cleaned are reached by the solution. For caked deposits use high pressure flow to loosen. Residual deposits may trap live bacteria that will re-infect the system so clean thoroughly.
4. Drain – flush with fresh water.
5. Add fresh coolant to the machine system.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **MACHINE TOOL CLEANER** is a minimum of Twelve (12) months, unless otherwise specified. The product should be stored inside (5-40°C) for no more than 1 year and be protected from freezing.

MACHINE TOOL CLEANER is available in Pail, Drum or Tote. Other sizes may be available upon request, please contact your Houghton sales representative.

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RELATED PRODUCTS

- CUT-MAX®: Straight cutting oils
- GARIA™: Straight cutting oils
- MACRON™: Straight cutting and honing oils
- EXCELENE™: Straight cutting and honing oils
- DASCOLENE™: Straight OEM approved cutting oils
- HOCUT®: Water miscible metalworking fluids
- DASCOOL™: Water miscible metalworking fluids
- DROMUS™: Soluble metalworking fluids
- ADRANA™: Micro-emulsion metalworking fluids
- SITALA™: Semi-Synthetic metalworking fluids
- METALINA™: Synthetic metalworking fluids
- HOUGHTO-GRIND®: Straight and water miscible grinding fluids
- HOUGHTO-DRAW®: Straight and water miscible drawing stamping and forming fluids.
- CINDOL™: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- FENELLA™: Straight and water miscible drawing, stamping and forming fluids.
- CERFA-KLEEN®: Water miscible cleaning fluids
- VIBRA-KLEEN®: Water miscible vibrating cleaning fluids
- CALLINA™: Water miscible cleaning fluids
- RUST VETO®: Straight and water miscible rust preventive fluids.
- ENSIS™: Straight and water miscible rust preventive fluids.
- COSMOLINE®: MIL-SPEC Straight and water miscible rust preventive fluids.



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