



# FS Sump Clean

## Industrial Metalworking Fluid FS Sump Cleaner

**FS Sump Clean** is an industrial cleaner/ degreaser formulated to clean the interiors and exteriors of CNC machines. It is particularly well suited for loosening sludges, dirt, fatty materials, and other coolant deposits prior to a complete cleanout of a metalworking fluid sump. Simply add 10 to 30 ounces of **FS Sump Clean** concentrate per every 50 gallons of coolant in the system to be cleaned ( $.002$  to  $.005 \times$  total gallons in the system  $\times$  128 ounces = treatment rate).

**FS Sump Clean** should be added to the metalworking coolant **24-48 hours prior** to a complete system clean out. During this time, the CNC machine should be in operation, the coolant flowing, and parts being made. If possible, have the operator direct coolant spray into the recesses of the equipment to loosen chips and other debris. Once the coolant/ soap mixture is pumped out of the tank, additional cleaning of the sump, chip conveyor, etc. may take place.

**NOTE:** **FS Sump Clean** may be used to clean the exteriors of the CNC machines (dilute 10:1 with water, then spray and wipe until clean). **FS Sump Clean** is not intended as a vehicle wash, as the product may swirl the paint. Always test in an inconspicuous place prior to cleaning a painted surface.

### TYPICAL PHYSICAL PROPERTIES

Specific Gravity	1.0
pH - 5% SOLUTION:	9.0-10.0
COLOR AND ODOR:	Clear/Pleasant Smell
FLASH POINT (concentrate material) OPEN CUP:	NA
FLASH POINT (use/dilution):	Non-Flammable

**HEALTH AND SAFETY:** **FS Sump Clean** does not contain any phenolic materials, DEA, or DCHA, or biocides/ fungicides in the concentrate. Refer to Safety Data Sheet for safe handling procedures.

**STORAGE:** **FS Sump Clean** should be stored in a room temperature location, cap closed. Do not freeze **FS Sump Clean** as the product may become unstable and the concentrate could split. If freezing does occur, bring the product back to room temperature and mix prior to use.

**Warranty:** Because conditions of use are beyond our control no representation or warranty is made in connection with the use of this product. Technical information and recommendations are believed to be accurate but are not guaranteed.

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