

March 20, 2020

SUBJECT: Master Fluid Solutions COVID-19 Technical Guidance

During this unprecedented time, there are many concerns about workplace cleanliness, safety and health of the workers when dealing with the novel COVID-19 virus.

Master Fluid Solution's objective is to provide the safest metalworking fluids available for our end users. While our products endure vigorous health and safety testing during the formulation phase to reduce the GHS and SDS impact as much as possible, unfortunately, this virus is so new that no testing or information concerning its sustainability in a metalworking fluid matrix is currently available.

Master Fluid Solutions will continue to monitor the www.CDC.gov/coronavirus website for information as it becomes available. Until we have a clear guidance, we suggest following the guidance below for handling potentially contaminated metalworking fluids and in-process cleaners:

- If any metalworking fluids and in-process cleaners are suspected of being contaminated with COVID-19, they should be removed from the machine using proper Personnel Protective Equipment (PPE) and disposed of under local municipality waste treatment guidelines.
- The machine should be cleaned with Master STAGES™ Whamex™ or Whamex XT™ in accordance with Master Fluid Solutions Quick Clean Procedures to have minimal effect on your operations. Cleaning procedures on pages 9 through 12 of "The Handy Pocket Guide to a Clean Shop". [Link>>](#)
- Additional guidance for Environmental Cleaning and Disinfection Recommendations can be found at <https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/cleaning-disinfection.html>
- Master Fluid Solutions does not recommend adding disinfectants or bleach to the metalworking fluid system. Doing so can increase the chance of other issues such as dermatitis, machine and part corrosion, chemical reactions and odor concerns.

If you have any questions or concerns regarding the above information, contact Master Fluid Solutions Tech Line 1-800-537-3365 or email us at info@masterchemical.com.

Regards,
Jim Mills

Jim Mills
Global Director of Technical Service
Master Fluid Solutions
Perrysburg, OH 43609 US