We are now offering our new MicroChemicals Acetone and Isopropyl Alcohol in ULSI quality. Our solvents are available in 2.5 L containers and can be ordered as single bottles or in the packaging unit of 4 x 2.5 L. Both products are ideal for substrate cleaning for organic contaminants and particles.

Acetone is an excellent solvent for oils, greases and resins, it removes organic impurities from substances and is well suited for greasy/oily contaminations. Due to the high dissolving power for organic contaminants, Acetone is ideally suited as the first stage of substrate cleaning. The high vapor pressure causes a rapid drying, which is associated with a resorption of the impurities on the substrate, whereby streaks or impurities remain on the substrate surface. In order to avoid this, it is recommended to clean the substrate afterwards with the higher boiling isopropyl alcohol.

Isopropyl Alcohol is well suited for rinsing contaminated acetone as well as removing particles from surfaces. Therefore, this solvent is often used in the second substrate cleaning step after acetone. Additionally, Isopropyl Alcohol is used as additive for anisotropic Si-etching. It leaves an anhydrous surface on substrates, so further rinsing with DI water is not necessary. Furthermore Isopropyl Alcohol is used as a disinfectant, defoamer, diluent and as a solvent for the crystallization and purification of organic substances.