

Medical Device Cleaning

PRECISION CLEANING SOLVENTS

The demands of Medical Device Cleaning are broad and diverse, KYZEN provides cleaning solutions to make your job easier and your devices more reliable.

KYZEN Provides Environmentally Friendly Drop-In Replacements for Products Containing HFEs, HFCs, nPB, and TCE

In December of 2020, **The American Innovation & Manufacturing (AIM) Act** was enacted and mandates a phasedown schedule of HFC production and imports through 2036.

In December of 2022, 3M announced that the company would exit per- and polyfluoroalkyl substances (PFAS) manufacturing and work to discontinue the use of PFAS in its product portfolio by the end of 2025.

Common Trade Name for these solvent blends: Novec.

Several HFE solvents considered to replace the 3M HFE products are made in China. The concerns with foreign HFE-based solvents are:

- Possible PFAS
- Sustainable supply security
- Quality of ingredients
- Possible Toxicity Issues (Medical applications)
- Azeotropic Stability (flammability/compatibility)

Note: In June of 2023- the EPA announced a framework to prevent new or foreign-sourced PFAS materials from entering the US market without scrutiny.

In addition to the many requirements of medical device cleaning applications, KYZEN has multiple products that meet the in-vitro cytotoxicity acceptance criteria.



PRECISION CLEANING SOLVENTS

KYZEN SLV901

(HFE / HFC Free Cleaning Solvent)

KYZEN SLV901 is a “future-proof”, PFAS-free, non-flammable vapor degreasing fluid engineered to clean a variety of soils from common metals used in medical devices. It is a drop-in replacement for HFE’s, HFC’s, and other undesirable or discontinued products. SLV901 can be used in the vapor and/or immersion phases.

KYZEN SLV803

(Precision / Critical Cleaning Solvent)

KYZEN SLV803 is a “future-proof”, PFAS-free, non-flammable fluid with ultra-low NVR that can be used for critical cleaning and final rinsing of medical devices. It can be used to replace HFE’s, HFC’s and other undesirable or discontinued products. SLV803 can be used as a rinsed agent in co-solvent or Duo-Solvent processes.

METALNOX® M6920

(VOC-Free Solvent Cleaner)

METALNOX M6920 is a highly effective, non-flammable VOC-free cleaning solution intended for use in vapor degreasing equipment, cold cleaning, and manual cleaning.

METALNOX M6920 has proven compatible with a variety of metal parts, such as stainless steel, copper, iron, aluminum, and titanium. M6920 can be also used as a rinse agent in Duo-Solvent and co-solvent processes.

METALNOX® M6386

(Modified Alcohol Solvent Cleaner)

METALNOX M6386 is a modified alcohol-based solvent designed for use in automated vacuum degreasing cleaning machines featuring continuously regenerated solvent. M6386 is highly effective on paraffinic and water-based oils, cutting fluids and milling fluids commonly used in a variety of machining and stamping operations.

