

Enabling Precision and Safety in Medical Devices with Quality Chemicals

Chemicals play a critical role in the medical device industry, supporting every stage from manufacturing to sterilization and regulatory compliance.



Chemical Name	Use	Fisher Scientific Catalog Number
Titanium dioxide	Coating for implants, pigments	18-607-425
Nitric acid	Passivation of stainless steel	18-612-005
Hydrofluoric acid	Etching of metal surfaces	18-603-243
Polyvinylpyrrolidone (PVP)	Coating for drug delivery systems	18-605-748
Polyethylene glycol (PEG)	Surface modification, drug delivery	18-605-298
Isopropyl alcohol	Cleaning and disinfecting surfaces	18-603-534
Acetone	Cleaning and bonding plastic parts	18-600-263
Tetrahydrofuran (THF)	Solvent welding of plastics	18-614-364
Hydrogen peroxide	Gas plasma sterilization	18-603-260
Peracetic acid	High-level disinfection	18-605-027
Diethyl phthalate (DOP/DEHP)	Plasticizer for PVC (restricted in some regions)	18-610-259
Calcium stearate	Lubricant, processing aid in plastics	18-601-388
Zinc stearate	Mold release agent	18-607-877
Stearic acid	Plastic lubricant, stabilizer	18-607-009
Tween 80 (Polysorbate 80)	Emulsifier in medical formulations	18-605-606
Benzoyl peroxide	Initiator in polymer curing	18-603-282

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