

Chemicals for Medical Devices

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	Catalog Number
Titanium dioxide	Coating for implants, pigments	T1140
Nitric acid	Passivation of stainless steel	N1075
Hydrofluoric acid	Etching of metal surfaces	H1045
Polyvinylpyrrolidone (PVP)	Coating for drug delivery systems	PI216
Polyethylene glycol (PEG)	Surface modification, drug delivery	P3730
Isopropyl alcohol	Cleaning and disinfecting surfaces	IS115
Acetone	Cleaning and bonding plastic parts	A1041
Tetrahydrofuran (THF)	Solvent welding of plastics	T1025
Hydrogen peroxide	Gas plasma sterilization	H4052
Peracetic acid	High-level disinfection	PI023
Diethyl phthalate (DOP/DEHP)	Plasticizer for PVC (restricted in some regions)	D1049
Calcium stearate	Lubricant, processing aid in plastics	CA169
Zinc stearate	Mold release agent	Z1115
Stearic acid	Plastic lubricant, stabilizer	S1326
Tween 80 (Polysorbate 80)	Emulsifier in medical formulations	PO138
Benzoyl peroxide	Initiator in polymer curing	BE156



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