





Plating Solution, Cadmium	N/A	A to 90°, Cyanide A/NR @100°, Fluob.	A to 140°	A to 70°	may affect, test) Generally OK (Etching Solution may affect, test)	A	A	A	A	A	A to 90, Cyanide C @ 100°, Fluoborate	NO DATA	NO DATA	NO DATA	A to 140°	A to 70°	A	A to 140°	NO DATA	NR	
Plating Solution, Chrome	N/A	A to 130°, Fluoride NR @ 90°, Barrel NR @ 115°, Barrel A to 120°	A to 70° NR @ 95°, Barrel	A to 70°	Generally OK (Etching Solution may affect, test)	A	AC to 70° C @ 95° (Barrel)	A	A	A	B/NR @ 70°	C/NR @ 70°	NO DATA	A to 70°	A to 140°	A to 70°	A	NR	NO DATA	NR	
Plating Solution, Copper	N/A	A to 70°, Barrel A to 120°, Copper A to 120°, Cyanide	A to 70° NR @ 95°, Barrel	A to 70°	Generally OK (Etching Solution may affect, test)	A	A	A	A	A	NR, Electroless A to 120°, Strike A to 70° Sulfate	NO DATA	NO DATA	NO DATA	A to 200°	A to 140°	A	A to 140°	NO DATA	NR	
Plating Solution, Nickel	N/A	A to 140°	A to 70°	A to 70°	Generally OK (Etching Solution may affect, test)	A	A	A	A	A	NO DATA	NO DATA	NO DATA	A to 70°	A to 140°	A	A to 140° NR @ 70°, Electroless	NO DATA	NR		
Plating Solution, Tin	N/A	A to 125°	A to 70° C 100-125°, Fluoborate	A to 70°	Generally OK (Etching Solution may affect, test)	A	A	A to 180°	A	A	NO DATA	NO DATA	NO DATA	NO DATA	A to 140°	A to 104° B @ 140°	A	AB to 140°	NO DATA	NO DATA	
Plating Solution, Zinc	N/A	A to 70°, Alk-Cyanide A to 150°, Cyanide NR @ 140°, Chloride A to 90% to 212° AB @ 100% to 140°	A to 70°, Cyanide A to 70°, Fluoborate NR, Acid A to 17% to 240° AB 20-100% to boil	A to 70°	Generally OK (Etching Solution may affect, test)	A	A	A to 150°	A	A	NO DATA	NO DATA	NO DATA	NO DATA	A to 140°	A to 70°	A	A to 140°	NO DATA	NO DATA	
Potassium Carbonate (Carbonic Acid) (Potash)	CK <sub>2</sub> O <sub>3</sub> (584-08-7)	A to 100% to 200° AB @ 100% to 140°	A to 100% to 200°	A to 100% to 200°	Generally OK (Etching Solution may affect, test)	A to 100% to 500°	A to 225°	A to 160° AB at 180°	A to 100% to 275° AB to 100% at 285°	A to 100% to 500°	A at 60-100% to 180°	A to 70°	A to 200°	A at 5% to 70° NR at 70°	A to 212°	A to 176° AB to 200°	Aqueous sol'n to 70°	A to 200° A to 180°	A to 70°	AC to 70°	
Potassium Chlorate (Chloric Acid) (Potassium Salt)	CKO <sub>3</sub> (3811-04-9)	B 30-60% 125-212° B to 60% @ 212° AB @ 100%	A	A	A	A	A to 100% to 180°	A to 100% to 160°	A	A	A to 10% to 70° AB to 100% to 180°	NR	A to 100% to 200°	A to 70°	A to 140° AB to 200°	A to 130° AB to 140-200°	A	A to 70° AC to 130°	A to 70°	AB to 125° C @ 70° (dynamic)	
Potassium Chloride (Salt Substitute)	CLK (7447-40-7)	A to 10% A 10-30% to 125° AB @ 100%	A to 32% to 180° AB 40-100% to 150° AB @ 100%	A	A	A	A to 100% to 180°	A to 100% to 160°	A	A	A to 100% to 140° AB to 100% @ 180°	A to 100% to 70°	A to 100% to 200°	A to 100% to 120°	A to 212°	A to 176° AB to 212°	A	A to 176° B @ 212°	A to 70°	A to 100% to 200°	
Potassium Hydroxide (Caustic Potash)	KOH (1310-58-3)	A to 50% to 200° AB @ 100% to 185°	A to 70% to 150°	A to 200° A to 50% to 288°	A to 212°	A (PTFE Encapsulated 316 Stainless St.)	A A 70% to 185°	A to 100% to 160° AB to 100% at 180°	A to 25% to 140° A to 10% to 280° A 60-100% to 212°	A	B to 100% to 180°	A to 30% to 70° AB to 100% to 70°	A to 100% to 200°	C at 1% at 70° NR at 1% at 125° NR at 5-100% at 70° A to 100% to 200°	AB to 70° AB to 70% to 140° A 5% to 150°	A (Black 550) AB (White 571 & 592)	A to 5% to 150° AB to 150°	A to 70°	A (Black 550) AB (White 571 & 592)		
Potassium Permanganate	KMNO <sub>4</sub> (7722-64-7)	A to 50% to 75° AB @ 100% to 200° B to 30% 75-212° A to 200°	A to 25% to 70° AB to 100% to 200° A @ 100% to 130°	A to 200°	A to 75°	A (PTFE Encapsulated 316 Stainless St.)	A to 100% to 70° A to 25% to 140° A to 10% to 180° A to 140°	A to 100% to 160° A to 10% to 180° AB to 150°	A	A	A to 10% to 140° NR conc.-100% at 70°	B @ 70°	A to 200°	A to 100% to 200°	A to 200° NR at 1% at 125° NR at 5-100% at 70° A to 100% to 200°	AB to 70° AB to 70% to 140° A 5% to 150°	A	AC to 150°	A to 70°	A	
Propanol (Propyl Alcohol) (Rubbing Alcohol)	C <sub>3</sub> H <sub>7</sub> O (67-63-0)	A	A	NO DATA	A to 212°	A	A to 100% to 70°	AB to 70° C @ 122°	A to 100% to 280°	A	NR	NR	B @ 70-122°	A to 20% to 70° NR 100% @ 70°	50% to 100° NR 100% @ 70°	A to 100% to 200°	A	AC Sat 70-200° NR 50% @ 70°	A to 70°	B @ 70° C @ 70°, dynamic	
Propionic Acid (Propanoic Acid)	C <sub>3</sub> H <sub>5</sub> O <sub>2</sub> (79-09-4)	A	A	NO DATA	A to 212°	A	A to 100% to 70°	AB to 70° C @ 122°	A to 100% to 280°	A	NR	NR	B @ 70-122°	A to 20% to 70° NR 100% @ 70°	50% to 100° NR 100% @ 70°	A to 100% to 200°	A	AC Sat 70-200° NR 50% @ 70°	A to 70°	B @ 70° C @ 70°, dynamic	
Propylene Glycol (PG-12)	C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> (57-55-6)	B @ 100% @ 70°	A to 30% A @ 80-90% AB @ 50%	A to 70°	A	A to 500°	AB to 160°	A to 140° AB at 180°	A to 275° AB at 280°	A to 500°	A to 70°	A to 70°	B at 70-122°	BC at 70° C/NR at 122°	A to 140°	A to 70°	A to 70°	A to 250°	AB to 70°	A to 70°	
PGMEA (Propylene Glycol Monomethyl Ether Acetate)	C <sub>6</sub> H <sub>12</sub> O <sub>2</sub> (108-65-6)	A	A	A	B	A	A to 140°	A	AB	A	A to 70° AB to 140°	A to 70°	NO DATA	NO DATA	NR	A 50% to 70°	A	NO DATA	AB to 70°	A	
PGME (Propylene Glycol Monomethyl Ether) (Dowtherm 209 / Dowanol PM)	C <sub>6</sub> H <sub>12</sub> O <sub>2</sub> (107-98-2)	A	A	A	B	A	A to 140° AB to 150°	A	AB	A	A to 70° AB to 140°	A to 70°	NO DATA	NO DATA	NR	A 50% to 70°	A	NO DATA	AB to 70°	A	
Propylene Oxide	C <sub>3</sub> H <sub>6</sub> O (75-56-9)	A to 70°	A to 140°	NO DATA	A	A	A to 70° AB @ 125°	A to 122° AB @ 140°	NR @ 100% @ 70°	A	NO DATA	NO DATA	B @ 70-122°	NR	NR	B to 120°	A	NR	A to 120°	NR	
Pyridine (Azine)	C <sub>5</sub> H <sub>5</sub> N (110-86-1)	A to 100% to 100° AB 100% to 140°	A to 100% to 212°	A to 200°	A to 212°	A (PTFE Encapsulated 316 Stainless St.)	A to 100% to 75° AB 100% 120-180° NR 100% @ 120°	BC at 70° C at 140°	NR	A	AB to 70°	NO DATA	AB to 50% to 70° NR at 70°	NR	NR	B to 160°	A	NR at 70°	AC 70-120°	A	
Sodium Bicarbonate (Baking Soda)	CHNaO <sub>3</sub> (144-55-8)	A to 100% to 150° AB to 20% to boiling	A to 100% to 150° A to 20% to 212°	A to 100% to 300°	A to 250°	A to 100% to 500°	A to 225°	A to 160° AB at 180°	A to 100% to 275° AB to 100% at 285°	A to 100% to 500°	A to 200°	A to 100% to 70°	A to 100% to 200°	A to 100% to 200°	A to 212°	A to 176° B at 212°	A to 70°	A to 140° AB to 200°	A to 70°	A to 70°	
Sodium Carbonate (Soda Ash)	CNa <sub>2</sub> O <sub>3</sub> (497-19-8)	A to 100% to 212°	A to 100% to 212°	A to 100% to 300°	A to 100% to 212°	A to 100% to 500°	A to 100% to 225°	A to 100% to 160° AB to 100% at 180°	A to 100% to 275° AB to 100% at 285°	A to 100% to 500°	A to 100% to 140° A to 20% to 180°	AB to 100% to 70°	A to 100% to 200°	A to 100% to 200°	A to 212°	A to 176° B at 212°	A to 70°	A to 100% to 160° AB to 100% to 200°	A to 70°	A to 70°	
Sodium Chloride (Salt)	ClNa (7647-14-5)	A to 100% to 176°	A to 16% to 212° A 25-80% to 160° A @ 100% to 212°	A	A	A	A	A to 100% to 160°	A	A	A to 100% to 70° AB to 100% 150-180°	A to 100% to 70°	A to 100% to 200°	A to 100% to 120°	A to 100% to 212°	A to 100% to 176°	A to 70°	A to 160°	A to 100% to 120°	NO DATA	
Sodium Chlorite (Sodium Salt)	ClNaO <sub>2</sub> (7758-19-2)	NO DATA	NO DATA	AB	A	A	A to 100% to 70° A to 50% 100° AB to 100% @ 200°	A to 140°	A	A	NO DATA	NO DATA	A to 70°	NO DATA	A to 70°	A to 70°	A	NR	A to 70°	B @ 70° C (Dynamic)	
Sodium Hydroxide (Caustic Soda)	NaOH (1310-73-2)	A to 100% to 70° A to 50% to 200° AB 50-80% to 170°	A to 20% AB 20-70% to 212° AB 70-100% to 125°	A to 100% to 70° A to 50% to 140° A to 20% to 200°	A to 100% to 70° A to 54% to 392°	A (PTFE Encapsulated 316 Stainless St.)	A to 125° A to 70% to 225°	A to 100% to 140° A to 70% to 160° AB to 100% at 180°	A to 50% to 70° A to 20% to 104° B 50% to 100-120°	A	A to 60% to 180° AB at 60-80% to 180° BC at 80-100% at 70°	A to 25% to 70° AB to 100% to 70° B 10-50% @ 70-180°	A to 50% to 120° A to 20% to 200° AB to 50% to 250°	A to 20% to 120° A to 15% to 200° C at 25% at 70-120°	B to 70° B 80% @ 140° B 20% @ 212°	A to 70° A to 50% to 176° B 20% @ 212°	AB (Black 550) AB (White 571 & 592)	A to 20% to 212° A to 50% to 176°	A to 100% to 70°	A (Black 550) AB (White 571 & 592)	
Sodium Hypochlorite (Bleach)	ClNaO (7681-52-9) (10022-70-5)	A to 50% to 115° A to 20% to 140° AB @ 100% to 200° A to 100% to 212°	Generally NR A to 6% to 160° A safe to 200°	BC 5% to 200°	AB to 100%	A (PTFE Encapsulated 316 Stainless St.)	A to 100% to 70° A to 5% to 120° C 12-13% @ 70°, NR @ 104° A to 180° B @ 212°	A to 100% to 160° AB to 100% at 180°	A to 17% AB to 100%	A	NR at 10-100% at 70°	BC to 10% to 70° C @ 5% @ 70° NR @ 70° NO DATA	A to 100% to 200° A to 17% to 300°	A to 10% to 70° AB to 100% to 70° C at 15% at 125-150° NO DATA	A	AB 20-100% to 130 BC 20% @ 158°	A	NR	A to 20% to 70°	A	
Sodium Metasilicate (Silicic Acid)	Na <sub>2</sub> O <sub>2</sub> Si (68-34-0)	A to 100% to 212°	A	NO DATA	A	A	A to 180°	A to 150°	A	A	AB to 70°	NO DATA	A to 200°	NO DATA	A to 212°	A to 176° B @ 212°	A	A to 180°	A to 70°	AB to 70°	
Sodium Silicate (Water glass)	Na <sub>2</sub> O <sub>2</sub> Si (1344-09-8)	A to 140°	A to 212°	A	A	A	A to 180°	A to 150°	A	A	AB to 70°	NO DATA	A to 200°	NO DATA	A to 212°	A to 176° B @ 212°	A	A to 140°	A to 70°	A to 70°	
Silicic Acid Sodium Salt (Sulfuric Acid) (Disodium Sulfite) (Sulfurous Acid)	Na <sub>2</sub> O <sub>2</sub> S (7757-83-7)	A to 20-100% to 130° A to 5% to 100° B to 30% to 212°	A to 100% to 70° AB to 30% to 175°	A to 70°	A	A	A	A to 140°	A	A	A to 70° A to 10% to 150°	AB to 70°	A Solution to 70°	A/NR @ 70°	A to 100% to 140°	A to 100% to 140° AB to 100% to 200°	A	A to 100% to 70° AB to 100% to 200°	A to 70%	A to 100% to 70°	
Sodium Tripolyphosphate	Na <sub>5</sub> O <sub>10</sub> P <sub>3</sub> (7758-29-4)	NO DATA	A to 100% to 120° A 16-50% to 175°	NO DATA	A	A	A to 175°	A to 140°	A	A	NO DATA	NO DATA	A to 70°	NO DATA	AB to 70°	AB to 70°	A	A to 70°	NO DATA	C	
Soybean Oil	No Formula	A	A	A	A	A	A	A	A	A	A	A	B @ 70°	NO DATA	A	A	NR	A	A	B @ 70°	A
STERIS® CIP 100 (Potassium Hydroxide & Tetrasodium EDTA)	Alkaline Cleaner KOH & C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> Na <sub>4</sub> O <sub>8</sub>	A to 200°	A to 150°	A	A to 212°	A	A	NO DATA	A to 140°	A	NO DATA	A to 30% to 70° AB to 100% to 70°	NO DATA	NO DATA	AB to 140°	A to 200°	A (Black 550) AB (White 571 & 592)	NO DATA	A	A (Black 550) AB (White 571 & 592)	
STERIS® CIP 200 (Phosphoric Acid & Citric Acid)	Acid Cleaner H <sub>3</sub> PO <sub>4</sub> C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	A to 200°	A to 150°	A to 220°	A	A	A	A	A	A	C	B	A	B	A	A to 176°	A	AB to 104°	A to 70°	A	
Sulfuric Acid (Air-free) (Better when aerated)	H <sub>2</sub> SO <sub>4</sub> (7664-93-9)	A to 60% to 70° A 90-100% to 100° (A to 100% to 140°)	NR 10-100% @ 70° B 100% to 125° (Sensitive to concen.)	A to 75% to 70° AB to 98% to 220°	A to 40% to 212° NR > 40%	A (Encaps. 316ss)	*A to 10% @ 212° A to 50% to 176° A to 90% to 104° NR 100% @ 70° B Low Conc. @ 70°	A to 75% to 70° A to 60% to 140° A to 50% to 160° NR 100% @ 70° B 10% @ 70°	A to 90% to 212° A to 10% to 175° A to 98% to 120° A to 100% to 176°	A to 90% (Boiling)	A to 3% to 70° NR at 10-100% at 70°	A to 25% to 70° B 30% 70-100° NR 80-100% @ 70°	A to 65% to 200° A to 35% to 300° AB at 85% to 210°	A to 50% to 70° A to 10% to 180° AB 20-30% at 122-200°	A to 158° A to 90% to 70° A to 50% to 212°	A to 158° A to 90% to 70° A to 50% to 176° A 10% to 176°	A	A to 60% to 140° A to 50% to 70° A to 30% to 140° NR @ 70°	A to 95% to 70° BC 95-98% @ 70° NR 95-100% @ 70°	A	
Tetrachloroethylene (PERC/PERK)	C <sub>2</sub> Cl <sub>4</sub> (127-18-4)	A	A	AB @ 100%	A	A	A	A	A	A	NR @ 70° AB 70°-140°	NR	NR	NR	NR	NR	A	NR @ 70°	NR	NR	
Tetra Ethyl Ortho Silicate (TEOS)	Si(OC <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> (78-10-4)	A to 212°	A to 212°	NO DATA	A	A to 212°	A to 100°	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	A/NR (test)	A to 125°	A to 125°	NR	NO DATA	NO DATA	
Tetrahydrofuran (Tetramethylene Oxide) (THF)	C <sub>4</sub> H <sub>8</sub> O (109-99-9)	A to 200°	A to 200°	A to 100% to 140° C 100% @ 200°	A to 70°	A (PTFE Encapsulated 316 Stainless St.)	BC @ 70° C/NR @ 100-120° NR @ 140° A to 150°	NR at 70°	C 10-100% @ 70° NR @ 120°	A	A to 70°	NR	NR at 200°	NR at 70°	NR	NR	A	NR at 70°	B @ 70°	A	
Tetra Methyl Ammonium Hydroxide (TMAH)	C <sub>4</sub> H <sub>12</sub> NO (75-59-2)	NO DATA	NO DATA	NO DATA	A	A to 100% to 500°	NO DATA	A to 100% to 200° A to 50% to 215°	A to 100% to 500°	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NR (Type A) A (HFLUOR)	A to 70°	A	NR	NO DATA	B @ 70°	
Thionyl Chloride (Sulfanyl Chloride) (Sulfurous Chloride)	Cl <sub>2</sub> S (7719-09-7)	NO DATA	NR</																		

