

ZONE 2 SAFETY DATA SHEETS BUILDING 2

PLATING & WASTEWATER

Part Number	Manufacturer	Effective Date
<u>ACETONE</u>	Brenntag Pacific	7/1/18
<u>ALODINE 22 TONER</u>	Henkel	4/6/18
<u>ALODINE 600</u>	Henkel	4/3/18
<u>ALODINE 1200S</u>	Henkel	3/27/18
<u>ALTREX 24</u>	Henkel	7/11/14
<u>ALUMINUX ETCH L</u>	Henkel	8/5/14
<u>AMBERCLEAN L12A</u>	Innovative Organics	1/22/08
<u>BONDERITE C-AK EC-202L</u>	Henkel	7/11/14
<u>BONDERITE 16R</u>	Henkel	11/10/17
<u>BONDERITE 6MU</u>	Henkel	12/14/17
<u>BONDERITE 2310</u>	Henkel	5/8/18
<u>BONDERITE 2360</u>	Henkel	7/21/14
<u>BORIC ACID</u>	Henkel	2/15/01
<u>CALCIUM CHLORIDE</u>	Brenntag Pacific	6/2/14
<u>CHROMIC ACID</u>		8/15/97
<u>FERRIC CHLORIDE 38 42 PC</u>	Brenntag Pacific	8/11/17
<u>HYDROFLUORIC ACID 49PC</u>	Brenntag Pacific	9/21/13
<u>NITRIC ACID 54%</u>	Brenntag Pacific	10/12/17
<u>NOVAFLOC PHA</u>	Krayden	12/07/06
<u>POTASSIUM FLUORIDE</u>	Laporte Fluorides	1/9/90
<u>SODIUM HYDROXIDE 50PC</u>	Brenntag Pacific	6/6/17
<u>SODIUM METALBISULFITE</u>	Brenntag Pacific	5/6/15
<u>SULFURIC ACID 66BE</u>	Brenntag Pacific	7/19/17
<u>TRISODIUM PHOSPHATE AST10064</u>	Brenntag Pacific	9/25/13

LABORATORY

Part Number	Manufacturer	Effective Date
<u>0831-1015</u>	EMD Chemicals (Buffer pH 3.00)	2/26/07
<u>0831-1019 ALUMINUM REAGENT</u>	Hach Company	4/17/12
<u>0831-1019 BLEACHING REAGENT</u>	Hach Company	10/15/09
<u>0831-1020</u>	Hach Company	11/05/10
<u>0831-1020</u>	Hach Company (Porphyrin 1)	9/17/14
<u>0831-1020</u>	Hach Company (Copper Masking)	9/17/14
<u>0831-1021</u>	Hach Company (Amino Acid)	9/24/13
<u>0831-1021</u>	Hach Company (Citric Acid)	8/16/16
<u>0831-1021</u>	Hach Company (Molybdate 3)	9/24/13
<u>0831-1022</u>	Hach Company (Chromium 1)	9/7/16
<u>0831-1022</u>	Hach Company (Chromium 2)	9/1/16
<u>0831-1022</u>	Hach Company (Chromium 3)	10/26/16
<u>0831-1022</u>	Hach Company (Acid)	8/24/16
<u>0831-1024</u>	Hach Company (Ferric Ion Solution)	8/9/16
<u>0831-1024</u>	Hach Company (Molybdate Reagent Silica)	10/12/16
<u>0831-1025</u>	Hach Company (Mercuric Thiocyanate)	11/10/15

<u>0831-1027</u>	Hach Company (Phosphate 3 Reagent)	9/27/16
<u>0831-1029</u>	Cannon Instrument Company	4/24/14
<u>0831-1045</u>	Hach Company	01/27/09
<u>0831-1046</u>	Hach Company	07/07/09
<u>100PPM CHLORIDE</u>	Orion Research, Inc.	
<u>1000PPM CHLORIDE</u>	Orion Research, Inc.	
<u>ACID REAGENT</u>	Hach Company	5/16/08
<u>ALODINE 1200S</u>	Henkel	3/27/18
<u>ALTREX 24</u>	Henkel	7/11/14
<u>ALUMINUM STD SOL 100</u>	Hach Company	4/5/02
<u>ALUVER 3 ALUMINUM REAGENT</u>	Hach Company	9/23/04
<u>AMINO ACID F REAGENT</u>	Hach Company	6/14/05
<u>AMMONIUM HYDROXIDE</u>	BDH Inc.	3/22/05
<u>ASCORBIC ACID</u>	Hach Company	11/13/09
<u>AUTO TECH RUST INHIBITOR</u>	Auto Technology	10/22/04
<u>BLACK OXIDE CONCENTRATE</u>	Caswell	7/16/15
<u>BLEACHING 3 REAGENT</u>	Hach Company	02/23/09
<u>CALCIUM CHLORIDE</u>	Scotwood Industries, Inc.	Jan. 2009
<u>CAUSTIC POTASH ANHYDROUS ALL GRADES</u>	OXYCHEM	10/19/98
<u>CELLULOSE NITRATE</u>	GE Healthcare	7/29/09
<u>CHROMA VER 3 REAGENT</u>	Hach Company	11/13/09
<u>CHROMIC ACID</u>	Cache Valley Chemicals	8/15/97
<u>CHROMIUM 1 REAGENT</u>	Hach Company	05/16/08
<u>CHROMIUM 2 REAGENT</u>	Hach Company	06/27/07
<u>CHROMIUM TRIVALENT STD SOL 50</u>	Hach Company	4/5/02
<u>CITRIC ACID</u>	Hach Company	12/3/07
<u>COLLOIDAL SILICA</u>	LECO Corporation	1/11/99
<u>CONDUCTIVITY STANDARD</u>	Control Company	3/1/03
<u>COPPER MASKING REAGENT</u>	Hach Company	9/22/04
<u>COPPER STANDARD SOLUTION 10MG</u>	Hach Company	4/5/02
<u>DIAMOND BLADE WHEEL</u>	LECO Corporation	1/11/99
<u>DIAMOND SPRAY</u>	LECO Corporation	1/11/99
<u>EPS 1375 ELECTROPOLISH</u>	Electro Polish Systems	
<u>FERRIC ION SOL 2212242</u>	Hach Company	6/10/08
<u>FERROUS AMMONIUM SULPHATE</u>	BDH Inc.	9/25/97
<u>FLUORIDE STANDARD</u>	Orion Research, Inc.	7/21/91
<u>G6 TO G600 VISCOSITY STANDARD</u>	Cannon Instrument Company	12/3/02
<u>GLYCEROL</u>	IBI/Shelton Scientific	6/27/00
<u>HYDRITE 1375 ELECTROPOLISH</u>	Hydrite Chemical Co.	9/27/95
<u>HYDROCHLORIC ACID</u>	Thatcher Company	
<u>HYDROXYACETIC ACID</u>	Mallinckrodt Chemicals	5/17/01
<u>IMPERIAL POLISHING CLOTH</u>	LECO Corporation	1/11/99
<u>IONIC STRENGTH ADJUSTER</u>	Orion Research, Inc.	3/15/91
<u>LECOSET 7000 POWDER</u>	LECO Corporation	3/1/95
<u>LECOSET 7000 SYRUP</u>	LECO Corporation	3/1/95
<u>LECOSET 7000 SYRUP II</u>	LECO Corporation	3/1/95
<u>MAGNESIUM OXIDE</u>	LECO Corporation	12/1/98
<u>MANNITOL</u>	Mallinckrodt Chemicals	11/2/01
<u>MERCURIC THIOCYANATE SOL 2212129</u>	Hach Company	3/5/02
<u>MERCURIC THIOCYANATE</u>	Hach Company	7/14/01
<u>METHYL ORANGE 0.1PC</u>	EM Science	6/18/01
<u>MICROID DIAMOND COMPOUND EXTENDER</u>	LECO Corporation	4/26/99
<u>MOLYBDATE 3 REAGENT</u>	Hach Company	9/22/04
<u>MORTON SALT</u>	Morton Salt	03/13/06
<u>MURIATIC ACID 20 BAUME</u>	Great Western Chemical Co.	12/12/95
<u>ORION PH BUFFER 401</u>	Orion Research, Inc.	8/26/92

<u>ORION PH BUFFER 700</u>	Orion Research, Inc.	6/1/91
<u>PENETRATING SEALER</u>	Caswell	3/12/07
<u>PH 10.01 BUFFER SOLUTION</u>	Orion Research, Inc.	7/20/93
<u>PHENOLPHTHALEIN 1 PERCENT</u>	Alfa Aesar	4/15/99
<u>PHOSVER 3 PHOS REAGENT</u>	Hach Company	2/24/09
<u>PORPHYRIN 1 REAGENT</u>	Hach Company	9/23/04
<u>PORPHYRIN 2 REAGENT</u>	Hach Company	9/22/04
<u>POTASSIUM FLUORIDE</u>	Laporte Fluorides	1/9/90
<u>POTASSIUM IODIDE 10PC WV</u>	BDH Inc.	3/11/96
<u>POTASSIUM PERMANGANATE</u>	BDH Inc.	3/1/96
<u>PREMIUM OR ULTRA DIAMOND SUSPENSION</u>	LECO Corporation	3/1/98
<u>QUINHYDRONE</u>	Alfa Aesar	2/17/11
<u>RUST INHIBITOR</u>	Auto Technology Company	10/1/13
<u>SANODYE MF BLUE A POWDER Q50</u>	Clariant Corporation	1/20/97
<u>SANODYE MF FAST BLACK OA POWDER</u>	Clariant Corporation	11/1/95
<u>SANODYE MF RED GLW POWDER</u>	Clariant Corporation	11/1/95
<u>SILICA STANDARD SOLUTION 1.0MG L</u>	Hach Company	3/5/02
<u>SKC-S</u>	Magnaflux	11/25/13
<u>SODA ASH</u>	Solvay Minerals, Inc.	9/16/94
<u>SODIUM BISULFITE SOLUTION</u>	General Chemical Corporation	1/1/02
<u>SODIUM CHROMATE</u>	Mallinckrodt Baker	2/23/01
<u>SODIUM BICHROMATE CRYSTAL</u>	Occidental Chemical	1/1/98
<u>SODIUM CHLORIDE</u>	Auto Technology	6/26/15
<u>SODIUM DICHROMATE</u>	EM Science	8/7/96
<u>SODIUM DICHROMATE, DIHYDRATE</u>	Elementis Chromium LP	7/16/01
<u>SODIUM HYDROXIDE 0001N</u>	EM Science	9/11/01
<u>SODIUM HYDROXIDE 50PC</u>	Brenntag	6/6/17
<u>SODIUM THIOSULFATE</u>	RICCA Chemical Company	10/11/01
<u>STARCH INDICATOR</u>	BDH Inc.	8/9/93
<u>STARCH INDICATOR W SALICYLIC ACID</u>	BDH Inc.	8/9/93
<u>SULFURIC ACID 93PC</u>	Cache Valley Chemicals	3/21/97
<u>SULFURIC ACID CONC JTB</u>	Mallinckrodt Baker	2/18/02
<u>THERMOSIL</u>	SKW Alloys	1/1/92
<u>TRICHLOROETHYLENE</u>	Sigma-Aldrich	3/2/15
<u>WD 00654.01 PH 1.68 BUFFER SOLN</u>	Oakton	3/1/93