

ALKALIS

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

1 = Possible Use-Check

2 = Don't use

MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Ammonium Hydroxide	All	BP	0	0	0	0	0	0
Barium Hydroxide	All	BP	0	0	0	0	0	0
Barium Peroxide	10	95	0	0	0	2	2	0
Calcium Hydroxide	All	BP	0	0	0	0	0	0
Calcium Hydroxide - Chloride	1,1	BP	2	2	2	2	0	0
Detergents	1	80	0	0	0	0	0	0
Hydrogen Peroxide	2	50	0	0	0	0	0	0
" "	5	5	0	0	0	0	1	1
" "	10	40	0	0	0	0	1	1
" "	10	60	0	0	0	0	2	2
" "	15	50	0	0	0	0	2	2
" "	30	40	0	0	0	0	2	2
" "	50	40	0	0	0	0	2	2
Potassium Bicarbonate	All	100	0	0	0	0	0	0
Potassium Bichromate	25	BP	0	0	0	0	0	0
Potassium Bisulphate	2	90	2	0	0	0	2	0
Potassium Bisulphate	5	90	2	2	1	0	2	0
Potassium Bisulphate	10	90	2	2	2	0	2	0
Potassium Bisulphate	15	90	2	2	2	0	2	0
Potassium Bisulphate	10	BP	2	0	0	0	0	0
Potassium Bromide	All	20	2	2	2	2	0	0
Potassium Carbonate	All	BP	0	0	0	0	0	0
Potassium Chlorate	10	100	0	0	0	0	0	0
Potassium Chromate	All	BP	0	0	0	0	0	0
Potassium Cyanide	All	BP	0	0	0	0	0	0
Potassium Hydroxide	10	BP	0	0	0	0	0	0
Potassium Hydroxide	20	20	0	0	0	0	0	0
Potassium Hydroxide	25	BP	0	0	0	0	2	2
Potassium Hydroxide	50	20	0	0	0	0	0	0
Potassium Hydroxide	50	BP	2	2	2	2	2	2
Potassium Hydroxide	70	120	2	2	2	2	2	2
Potassium Nitrate	All	BP	0	0	0	0	0	0
Potassium Permanganate	10	BP	0	0	0	0	0	0
Potassium Peroxide	10	90	0	0	0	0	2	2

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Potassium Sulphate		All BP	0	0	0	0	0	0
Sodium Bicarbonate		All 100	0	0	0	0	0	0
Sodium Bichromate		Sat 50	0	0	0	0	0	0
Sodium Bisulphate		10 50	2	0	0	0	0	0
Sodium Bisulphate		15 85	2	2	1	1	1	1
Sodium Bromide		10 20	2	2	2	2	0	0
Sodium Carbonate		All BP	0	0	0	0	0	0
Sodium Chloride Plus Water								
Sodium Chloride & Sodium Hydroxide		1,1 50	0	0	0	0	0	0
Sodium Chloride & Sodium Hydroxide		20,5 108	0	0	0	0	0	0
Sodium Chloride & Sodium Hydroxide	200 ppm	33 100	2	2	0	0	2	2
Sodium Floride		5 100	0	0	0	0	2	2
Sodium Hydroxide		10 20	0	0	0	0	0	0
Sodium Hydroxide		10 90	0	0	0	0	0	0
Sodium Hydroxide		10 BP	0	0	0	0	0	0
Sodium Hydroxide		20 20	0	0	0	0	0	0
Sodium Hydroxide		20 90	0	0	0	0	0	0
Sodium Hydroxide		25 20	0	0	0	0	0	0
Sodium Hydroxide		25 BP	0	0	0	0	2	0
Sodium Hydroxide		30 20	0	0	0	0	0	0
Sodium Hydroxide		30 100	0	0	0	0	2	2
Sodium Hydroxide		30 116	2	2	2	0	2	2
Sodium Hydroxide		33 150				0		
Sodium Hydroxide		40 80	1	1	0	0	2	2
Sodium Hydroxide		40 90	2	2	0	0	2	2
Sodium Hydroxide		40 128	2	2	2	0	2	2
Sodium Hydroxide		40 128	2	2	2	0	2	2
Sodium Hydroxide		45 90	0	2		0	0	
Sodium Hydroxide		45 120				0		

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sodium Hydroxide		50	0	0	0	0	0	0
Sodium Hydroxide		50	2	2	0	0	2	2
Sodium Hydroxide		50				0	0	
Sodium Hydroxide		50	2	2	2	0	2	2
Sodium Hydroxide		60	2	2	0	0	1	1
Sodium Hydroxide		60	2	2	2	1	2	2
Sodium Hydroxide		70	2	2	0	0	0	0
Sodium Hydroxide		70	2	2	2	2	2	2
Sodium Hydroxide + NaCl		1,1	0	0	0	0	0	0
Sodium Hydroxide + NaCl		5,2	0	0	0	0	0	0
Sodium Hydroxide + NaCl 200ppm		33	2	2	0	0	2	2
Sodium Hydroxide, Sodium Cyanide		5,1		0		0	0	0
Sodium Thiocyanate		1						
Sodium Hydroxide, Sodium Chloride		12,5					1	
Sodium Hydrochlorite		16,5						
Sodium Hydroxide, Sodium Chloride		4,26					0	0
Sodium Sulphide		10						
Sodium Hydroxide, Sodium Chloride		4,26					0	0
Sodium Sulphide		10						

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MEDIA	Concentration %	°C	MATERIAL *						
			304	316	SMO	825	Ti	TiPd	
Acetaldehyde		100 45			0				
Acetone		100 BP	0	0	0	0	0	0	0
Amyl Alcohol		100	0	0	0	0	0	0	0
Aniline		100 20	0	0	0	0	0	0	0
Aniline		100 134		0					
Aniline, Sodium Chloride	15,12	100							0
Sodium Hydroxide	1,5								
Benzaldehyde		100	0	0	0	0	0	0	0
Benzene		BP	0	0	0	0	0	0	0
Butyl Acetate		BP	0	0	0	0	0	0	0
Butyl Alcohol		BP	0	0	0	0	0	0	0
Carabon Tetrachloride	100	BP	0	0	0	0	0	0	0
Carbon Tetrachloride + Moisture			2	2	2	2	0	0	0
Chlorobenzene	100	20	0	0	0	0	0	0	0
Chlorobenzene + Moisture			2	2	2	2	0	0	0
Chloroform	All	20	1	1	1	1	0	0	0
Chloroform		BP	2	2	2	2	0	0	0
Chloroform, dry	100	BP	0	0	0	0	0	0	0
Chlorotoluene, dry	100	BP	0	0	0	0	0	0	0
	Moist	BP	2	2	2	2	0	0	0
Creosote Oil		BP	0	0	0	0	0	0	0
Creosote + Sodium Chloride	97,3	20	2	1	0	0	0	0	0
Dichloroethylene	100	BP	0	0	0	0	0	0	0
	Moist	BP	2	2	2	2	0	0	0
Ethanol	All	BP	0	0	0	0	0	0	0
Ether		BP	0	0	0	0	0	0	0
Ethyl Cloride	100	BP	0	0	0	0	0	0	0
	Moist	BP	2	2	2	2	0	0	0
Ethylene Chloride	100	BP	0	0	0	0	0	0	0
	Moist	BP	2	2	2	2	0	0	0

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Tables of corrosion resistance

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MEDIA	Concentration %		°C	MATERIAL *					
				304	316	SMO	825	Ti	TiPd
Fatty Acids		100	150	0	0	0	0	0	0
Fatty Acids		100	300	2	0	0	0	0	0
Formaldehyde (Formalin)		All	BP	0	0	0	0	0	0
Formaldehyde, EDTA, CU	4g/l	20g/l	55		0				
Sodium Hydroxide	3g/l	15g/l							
Formaldehyde plus Hce		10,1	50					2	2
Freon			200	0	0	0	0	0	0
Furfural		100	162	0	0	0	0	0	0
Gelatine		All	BP	0	0	0	0	0	0
Glucose		All	20	0	0	0	0	0	0
Glycol		All	20	0	0	0	0	0	0
Methyl Alcohol (Metanol)		100	BP	0	0	0	0	0	0
Methyl Chloride, dry		100	20	0	0	0	0	0	0
		Moist	20	2	2	1	1	0	0
Methyl Chloride, Water	38,	58,4	60					0	
Ethanol, pH 45									
Methyl Isobuty Keytone plus P ₂ O ₅		2,4	90			0			
Monoisopropanolamine plus H ₂ S Vapour			100		0				
Naptalene			25	0	0	0	0	0	0
Oils (crude, mineral, vegetable) pure			BP	0	0	0	0	0	0
Oil Crude plus Seawater			120					0	0
Oil Crude plus Seawater			>120						0
Parafin			100	0	0	0	0	0	0
Pectin			100	0	0	0	0	0	0
Petrol			BP	0	0	0	0	0	0
Phenol		All	50	0	0	0	0	0	0
Phenol		70-100	BP	2	0	0	0	0	0

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Pyridine		100	0	0	0	0	0	0
Sacharin	All	100	0	0	0	0	0	0
Tar		BP	0	0	0	0	0	0
Toluene	100	BP	0	0	0	0	0	0
Trichloroethylene, technical	100	BP	0	0	0	0	0	0
	Moist		2	2	2	1	0	0
Turpentine		20	0	0	0	0	0	0

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WATERS

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Tables of corrosion resistance

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MEDIA	Concentration %		°C	MATERIAL *					
				304	316	SMO	825	Ti	TiPd
Brackish, pH7, 865 NaCe,	TDS 3000	ppm	43			0			
Carbon Monoxide - Aqueous			100	0	0	0	0	0	0
Chlorine Moist Gas			60	2	2	2	2	0	0
Chlorine Moist Gas			100	2	2	2	2	0	0
Chlorine Aqueous Solution		1 mg/l	20	0	0	0	0	0	0
Chlorine Aqueous Solution		1g/l	20	1	1	1	1	0	0
Chlorine Dioxide Moist Gas			20	2	2	2	1	0	0
Detergents		1	80	0	0	0	0	0	0
Sea Water			20	2	1	0	0	0	0
Sea Water			50	2	2	1	1	0	0
Water With Chlorides (C1)				Refer to Product Department to assess all variables					
Water With Chlorides (C1)	pH8**	40 ppm	92		0				
Water With Chlorides (C1)	pH8**	100ppm	50	1	0	0	0	0	
Water With Chlorides (C1)	pH8**	100ppm	100	2	2	0	0	0	0
Water With Chlorides (C1)	pH8**	500ppm	50	2	1	0	0	0	0
Water With Chlorides (C1)	pH8**	500ppm	100	2	2	0	0	0	0
Water With Chlorides (C1)	pH8**	1000ppm	50	2	2	1	1	0	0
Water With Chlorides (C1)	pH8**	1000ppm	100	2	2	2	1	0	0

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Acetic		1 90	0	0	0	0	0	0
"		5 100	0	0	0	0	0	0
"		10 100	1	0	0	0	0	0
"		20 100	2	0	0	0	0	0
"		50 100	2	0	0	0	0	0
"		100 100	1	0	0	0	0	0
Acetic + Cupric Sulphat + Ammonia + Carbon Dioxide	103g/l, 20g/l 128g/l 66g/l	79	0	0	0	0	0	0
Acetic + Formic Acid		9,1 BP	0	0	0	0	1	1
"		8,2 BP	1	0	0	0	1	1
"		5,5 BP	1	1	1	1	1	1
"		50,50 BP	1	1	1	1	1	1
Acetic & Sodium Chloride		1,1 70	1	1	1	1	0	0
"		25,26 BP	1	1	1	1	0	0
Acetic Sulphuric Acid		25,2 80	2	2	2	0	2	1
Acetic Anhydride		100 BP	1	0	0	0	1	1
Aluminium Sulphate + H ₂ SO ₄		1,5,42 45	2	2	2	0	2	2
Beer (incl Chlorides)		100	1	1	0	0	0	0
Benzene Sulphonic		5 40	0	0	0	0	1	0
"		5 60	2	1	1	0	2	1
"		10 50	1	0	0	0	2	0
"		10 80	2	1	0	0	2	1
"		10 100	2	2	1	0	2	2
"		20 50	2	2	2	0	2	2
"		100 20	0	0	0	0	2	2
Benzoic		All BP	0	0	0	0	0	0
Boric		4 BP	0	0	0	0	0	0
"		20 BP	0	0	0	0	0	0
Boric & Nickel Sulphate + Hce	1,5,25,0,2	80	2	2	2	1	2	2
Boric + H ₂ SO ₄ + CaSO ₄	8,0,2,0,2	125	0			0		
Bromine (Aqueous)		1 20	1	1	1	1	0	0

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MEDIA	Concentration %	°C	MATERIAL *						
			304	316	SMO	825	Ti	TiPd	
Butyric		100	BP	1	0	0	0	0	0
Chloroacetic - mono		30	80	2	2	2	1	0	0
" - mono		50	20	2	2	2	1	0	0
" - di		100	100	2	2	2	1	0	0
" -tri		100	100	2	2	2	2	2	2
Chromic Acid		2	75	0	0	0	0	0	0
"		2	100	2	2	2	2	0	0
"		5	100	2	2	2	2	0	0
"		10	40	0	0	0	0	0	0
"		20	50	1	1	1	0	0	0
Chromic + Phosphoric Acid		10,80	20	2	2	2	1	0	0
" " "		10,80	60	2	2	2	1	0	0
Chromic + Phosphoric+ Sulphuric		9,57,14	80	2	2	2	2	2	2
Chromic + Sulphuric Acid		3,5,1	35	0	0	0	0	0	0
" " "		1,5,1	BP	0	0	0	0	0	0
" " "		7,10	50	0	0	0	0	0	0
" " "		2,20	50	0	0	0	0	0	0
" " "		20,32	90	2	2	2	1	0	0
" " "		25,25	50				0		
Citric Acid		1	BP	0	0	0	0	0	0
" "		5	140	1	0	0	0	0	0
" "		10	85	0	0	0	0	0	0
" "		25	85	1	0	0	0	0	0
" "		50	100	2	0	0	0	0	0
Dextrose + HC1 (0,3%)		pH1	150	2	2	2	2	1	0
Fluorine (Moist Gas)			20	2	2	1	1	2	2
Fluosilicic Acid		22	60	1	1	1	1	1	1
Formic Acid		0,5	70	0	0	0	0	0	0
" "		1	40	0	0	0	0	0	0
" "		2	100	1	0	0	0	0	0
" "		10	60	1	0	0	0	0	0
" "		10	100	2	1	1	1	0	0

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			304	316	SMO	825	Ti	TiPd
Formic Acid	25	100	2	1	1	1	1	0
" "	50	100	2	1	1	1	2	0
" "	100	60	0	0	0	0	0	0
" "	100	1	1	1	1	1	1	1
Fruit Juice		20	0	0	0	0	0	0
" " + SO ₂ Preservative		20	2	0	0	0	0	0
Gallic Acid	25	BP	0	0	0	0	0	0
Hydrobromic Acid	30	25	0	0	1	1	0	0
" "	100	25	0	0	0	0	0	0
Hydrobromic Acid	0,1	20-50	2	2	2	2	0	0
" "	0,5	50	2	2	2	2	1	1
" "	1	50	2	2	2	2	1	1
" "	1,5	25					0	0
" "	2	60	2	2	2	2	1	1
" "	3	70	2	2	2	2	2	1
" "	3	100	2	2	2	2	2	2
" "	5	20	2	2	2	2	2	2
" "	10	50					2	2
" "	10	60	2	2	2	2	2	1
" "	20	20	2	2	2	2	2	2
Hydrochloric Acid & Formaldehyde	10,10	50					2	2
Hydrochloric + Nickel Sulphate + Boric Acid	0,2,25,1,5	80	2	2	2	1	0	0
Nydrochloric + Phosphoric Acid	9,1,8,1	50						0
Hydrochloric + NaCl Brine	1,25	110						0
Hydrochloric + Sulphuric Acid	1,8	70				0		
" " "	2,2	35						
Hydrochloric + H ₂ SO ₄ + HF	5,8,trace	55						
" " "	5,10,,1	50						
" " "	2,3,5	55				2		

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Hydrochloric + H ₂ SO ₄ + HF	.3,3,.003	46				0		
As ₂ O ₃	,03							
Hydrocyanic Acid	100	20	0	0	0	0	0	0
Hydrofluoric Acid	1	20	2	1	1	1	2	2
Hydrofluoric Acid	10	20	2	2	2	2	2	2
Hydrofluoric + Nitric Acid	4,20	25	2	2	1	1	2	2
" " "	525	20		2				
Hydrofluoric + Phosphoric Acid	1,1,5	50	2	2	2	1	2	2
" " "	0,5,76	60	2	2	0	0	2	2
" " "	0,5,76	80	2	2	1	1	2	2
Hydrofluoric, H ₃ PO ₄ , HNO ₃	.2,18,28	65	2	2	2	2	2	2
" " "	.1,19,3,31	65	2	0	0	0	2	2
" " "	.1,19,3,31	90	2	2	2	1	2	2
Hydrofluoric + H ₂ SO ₄ + HC1	.1,10,5	50				2		
" " "	.5,3,2	55						
Hydrogen Iodide	10	20	1	1	1	1	0	0
Iodine (dry)		20	0	0	0	0	0	0
" (moist)		20	2	2	2	1	0	0
Iodoform (Crystallised)		20	2	2	2	1	0	0
Lactic	1	100	0	0	0	0	0	0
"	10	100	0	0	0	0	0	0
"	20	100	1	0	0	0	0	0
"	25	100	2	0	0	0	0	0
"	30	75	1	0	0	0	0	0
"	50	95	2	1	1	1	1	0
"	75	100	1	0	0	0	0	0
"	90	50	2	0	0	0	0	0
Lactic Acid; NaC1	2,2	BP	2	2	2	2	0	0
Malic Acid (Apple Acid)	5,50	100	0	0	0	0	0	0
Milk		BP	0	0	0	0	0	0

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Nitric Acid	1	50	0	0	0	0	0	0
" "	5	50	0	0	0	0	0	0
" "	10	50	0	0	0	0	0	0
" "	20	50	0	0	0	0	0	0
" "	30	70	0	0	0	0	0	0
" "	50	70	0	0	0	0	0	0
" "	50	125					1	
" "	60	100	2	2	2	2	0	0
" "	80	50	0	0	0	0	0	0
" "	80	80	2	2	2	2	0	0
" "	90	80	2	2	2	2	0	0
Nitric (Red, Fuming) + N ₂ O ₄ + H ₂ O	Bal, 26,4 .9	40	2	2	2	2	2	2
Nitric + Ammonium Sulphate	26,30	80	0	0	0	0	0	0
Nitric + Ethyl Alcohol + Sulphuric	5,7,65	130	2	2	2	2	2	2
Nitric + Hydrochloric	9,18	90	2	2	2	2	2	2
" "	17,29	20	2	2	2	1	0	0
Nitric + Hydrofluoric	20,40	25	2	2	1	1	2	2
" "	25,5	20		2				
Nitric + Ferric Chloride (FeCl ₃)	10,6	20	2	2	2	1	0	0
Nitric (99%) + Oleum (20%) in ratio	1:1or4:1	95	0					
Nitric + Oxalic Acid	50,20	70	0	0	0	0	0	0
Nitric + Phosphoric + Ammonium Nitrate and Sulphate	9,4,15,9	100	0	0	0	0	0	0
Nitric, Phosphoric Hydrofluoric	28,18,2	65	2	2	2	2	2	2
" "	31,19,3,.1	65	2	0	0	0	2	2
" "	31,19,3,.1	90	2	2	2	1	2	2

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ACIDS

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

1 = Possible Use-Check

2 = Don't use

MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Nitric, Phosphoric, Sulphuric	2,42,45	100	2	2	2	1	2	2
" " "	2,64,23	90	0	0	0	0	2	2
Nitric + Sodium Chloride	55,1	80	2	2	2	1	0	0
Nitric + Sodium Flourice	10,1	60	2	2	2	2	2	2
Nitric + Sulphuric	15,15	100		0				
" "	15,25	100		0				
" "	0.15,0.5	100		0				
" "	1,5	25	0	0	0	0	0	0
" "	1,5	50	0	0	0	0	1	0
" "	1,10	80	2	1	0	1	2	0
" "	1,95	50	2	1	1	1	2	2
" "	3,10	25	0	0	0	0	0	0
" "	3,10	80	2	1	1	1	1	0
" "	5,20	50	0	0	0	0	0	0
" "	5,60	80	2	2	2	2	2	2
" "	10,60	60	0	0	0	1	2	2
" "	10,60	80	2	2	2	2	2	2
" "	20,80	100	2	2	2	2	2	2
" "	20,80	60	2	0	0	1	2	2
" "	30,20	80	2	0	0	0	2	2
" "	30,40	80	2	2	2	2	2	2
" "	50,20	80	2	2	2	2	2	2
Nitric + Sulphuric + H ₂ O (HNO ₂)	25,40,35	33		0				
" "	57,31,12	48	0					
Oleic	100	150	0	0	0	0	0	0
Oleum	20	130	0	2				
"	25	130	0	2				
"	20	145	0					
"	32	110	0					
Oleum 20% + Nitric Acid 99% in atio 1:1 or 4:1		95	0					

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Oxalic Acid	0,5	60	0	0	0	0	2	0
" "	0,5	80	2	0	0	0	2	0
" "	0,5	100	2	2	1	1	2	1
" "	1	60	0	0	0	0	2	0
" "	1	100	2	2	2	1	2	2
" "	2,5	60	0	0	0	0	2	0
" "	2,5	80	2	0	0	0	2	2
" "	2,5	100	2	2	2	1	2	2
" "	5	35	0	0	0	0	2	0
" "	5	60	2	0	0	0	2	0
" "	5	85	2	2	1	0	2	2
" "	5	100	2	2	2	0	2	2
" "	10	25	0	0	0	0	2	0
" "	10	60	2	0	0	0	2	0
" "	10	100	2	2	2	2	2	2
" "	25	60	2	0	0	0	2	2
" "	25	75	2	2	1	1	2	2
" "	25	100	2	2	2	2	2	2
Oxalic + Nitric Acid	20,50	70	0	0	0	0	0	0
Perchloric Acid (HC10 ₄)	5	120					0	0
" " "	10	20	2	2	2	2	0	0
Phosphoric Acid, pure	1	20	0	0	0	0	0	0
" "	1	100	0	0	0	0	0	0
" "	3	100	0	0	0	0	0	2
" "	5	60	0	0	0	0	0	0
" "	10	40	0	0	0	0	0	0
" "	10	80	0	0	0	0	2	2
" "	20	35	0	0	0	0	0	0
" "	20	60	0	0	0	0	2	2
" "	30	60	0	0	0	0	2	0
" "	30	100	2	0	0	0	2	2
" "	30	106			2			
" "	40	100	2	0	0	0	2	2
" "	50	85	2	0	0	0	2	2
" "	50	100	2	2	1	1	2	2

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *						
			304	316	SMO	825	Ti	TiPd	
Phosphoric Acid, technical H ₃ PO ₄ + SO ₄ + C1 + F									
40% 1.8% 0.06% 1.3%		75	2	2	0	0	2	2	
75% 3% 0,03% 0,5%		50	2	0	0	0	2	2	
76,5% 4.1% 0,75% 0,01%		70	2	2	2	1	2	2	
P ₂ O ₅ F M1BK									
43% 0.15% 1.8%		100	2	2	0	1	2	2	
" " "		120	2	2	1	2	2	2	
Phosphoric Acid + Ammonium Nitrate	10,13	80	0	0	0	0	2	2	
Phosphoric Acid + Ammonium Nitrate + Ammonium Sulphate + Nitric Acid	4,15,9,9	100	0	0	0	0	0	0	
Phosphoric + Ammonium Silphate + Sulphuric Acid	10,25,1,5	90	2	0	0	0	2	2	
	15,30,3	90	2	0	0	0	2	2	
	16,9,1	80	0	0	0	0	2	2	
Phosphoric + Chrome + Sulphuric	57,9,14	80	2	2	2	2	2	2	
Phosphoric + Chromic Acids	80,10	20	0	0	0	0	0	0	
" " "	80,10	60	2	2	2	1	0	0	
Phosphoric + Hydrofluoric	1,5,1,0	50	2	2	2	1	2	2	
" "	76,0,5	60	2	2	0	0	2	2	
" "	76,0,5	80	2	2	1	1	2	2	
Phosphoric (42% P ₂ O ₅) + HF + M1Bk	0,15,1,8	115			1				
Phosphoric Acid + M1BK Solvent	40,2	90			0				
Phosphoric, HF, HNO ₃	18,2,28	65	2	2	2	2	2	2	
" " "	19,3,1,31	65	2	0	0	0	2	2	
" " "	19,3, 1,31	90	2	2	2	1	2	2	

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

1 = Possible Use-Check

2 = Don't use

MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Phosphorite, Nitric, Sulphurte	42,2,45	100	2	2	2	1	2	2
" " "	64,2,23	90	0	0	0	0	2	2
Phosphoric + Sodium Chloride	76,6	40	1	0	0	0	2	2
" " "	76,6	80	2	2	0	0	2	2
" " "	76,312ppm	40	2	0	0	0	2	2
" " "	76,312ppm	80	2	2	0	0	2	2
Phosphoric + Sulphuric Acids	41,2	80	2	0	0	0	2	2
" " "	41,3,5	80	2	2	1	1	2	2
" " "	43,47	70	2	2	2	2	2	2
" " "	53,15	60	2	2	2	2	2	2
" " "	76,3,5	80	2	2	0	0	2	2
Picric Acid	1	BP	0	0	0	0	0	0
Salicylic Acid	5	85	0	0	0	0	0	0
" "	20	100	0	0	0	0	0	0
Stearic Acid	100	150	0	0	0	0	0	0
" "	100	300	2	0	0	0	0	0
Sulphamic Acid	1	75	0	0	0	0	2	0
" "	2	50	0	0	0	0	0	0
" "	2	75	2	2	0	0	2	0
" "	5	75	2	2	0	0	2	0
" "	10	60	2	0	0	0	2	0
" "	10	75	2	2	1	0	2	2
Sulphur Dioxide, dry liquid gas	100	25	0	0	0	0	0	0
Sulphur Dioxide, air free, moist gas	100	2	0	0	0	0	0	0
Sulphuric Acid	.1	100	2	2	2	1	2	0
" "	.5	50	2	0	0	0	1	0
.5	.5	100	2	2	2	1	2	2
" "	1	50	2	0	0	0	1	0
" "	1	85	2	2	2	0	2	1
" "	1	100	2	2	2	1	2	2
" "	2	60	2	0	0	0	1	1
" "	3	50	2	0	0	0	1	1
" "	3	85	2	2	2	0	2	2
" "	3	100	2	2	2	2	2	2
" "	5	60	2	2	0	0	2	1

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sulphuric Acid	5	85	2	2	1	0	2	2
"	"	5	101	2	2	2	2	2
"	"	10	50	2	2	1	0	2
"	"	10	80	2	2	2	0	2
"	"	20	40	2	2	0	0	2
"	"	20	60	2	2	0	0	2
"	"	20	100	2	2	2	2	2
"	"	30	40	2	2	2	0	2
"	"	30	60	2	2	2	0	2
"	"	40	40	2	2	2	0	2
"	"	40	60	2	2	2	2	2
"	"	40	70					
"	"	40	80	2	2	2	2	2
"	"	50	20	2	2	1	0	2
"	"	50	40	2	2	2	1	2
"	"	50	60	2	2	2	2	2
"	"	50	70	2	2	2	2	2
"	"	60	20	2	2	1	0	2
"	"	60	40	2	2	2	0	2
"	"	70	20	2	2	2	0	2
"	"	70	40	2	2	2	1	2
"	"	70	70	2	2	2	2	2
"	"	80	20	2	2	2	0	2
"	"	80	40	2	2	2	1	2
"	"	80	60	2	2	2	2	2
"	"	85	20	2	2	2	0	2
"	"	85	40	2	2	2	0	2
"	"	85	50	2	2	2	2	2
"	"	90	20	0	0	2	0	2
"	"	90	40	2	2	2	0	2
"	"	90	70	2	2	2	2	2
"	"	94	20	0	0	0	0	2
"	"	94	50	2	2	2	0	2
"	"	96	50	2	2	2	0	2
"	"	96	70	2	2	2	2	2
"	"	96	80	2	2	2	2	2
"	"	96	90					
"	"	98	30	0	0	0	0	2
"	"	98	50	2	1	2	0	2
"	"	98	80	2	2	2	2	2
"	"	98	90	2	2	2	2	2
"	"	98,5	90	2	2	2	2	2

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sulphuric, Fuming H ₂ SO ₄ + SO ₃	100,11	60	0	0	0	0	2	2
" " " "	100,11	100	2	0	0	0	2	2
Sulphuric & Acetic	2,25	80	2	2	2	0	2	1
Sulphuric & Ammonium Sulphate + Phosphoric Acid	1.5,25,10	90	2	0	0	0	2	2
" "	3,30,15	90	2	0	0	0	2	2
" "	1,9,16	80	0	0	0	0	2	2
Sulphuric Acid + Ammonium Sulphate	.2,42	100	2	0	0	0	2	1
" " "	1,40	80	2	2	1	0	2	2
" " "	5,20	80	2	2	2	0	2	2
" " "	5,40	60	2	0	0	0	2	1
" " "	10,20	40	2	0	0	0	2	1
" " "	10,20	80	2	2	2	0	2	2
" " "	10,40	80	2	2	2	0	2	2
Sulphuric + Boric Acid CaSO ₄	0.2,8,0,02	125		0		0		
Sulphuric Acid + C1	80,50ppm	50						
" " "	98,11.5ppm	90						
" " "	98,46ppm	90						
Sulphuric Acid, C1 + C1 ₂	98,18.5ppm	90						
Sulphuric + Chlorine (Sat)	60	40	2	2	2	2	2	2
Sulphuric + C1 + F + SO ₂	10,800ppm 200 ppm, Sat	60			0			
Sulphuric + Chromic Acid	.25,25	50					0	
" " "	1,3,5	35	0	0	0	0	0	0
" " "	1,1,5	BP	0	0	0	0	0	0
" " "	10,7	50	0	0	0	0	0	0
" " "	20,2	50	0	0	0	0	0	0
" " "	32,20	90	2	2	2	1	0	0

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sulphuric Acid + Cu	20,4,5	95		0		0		
Sulphuric + Copper Sulphate CuSO ₄	8,05	80	2	0	0	0	2	0
" " "	16,13	90	0	0	0	0	0	0
" " "		BP		0	0			
Sulphuric + CuSO ₄ + NiSO ₄ + C1	17,4,1, 300ppm	100			0	0		
Sulphuric + FeSO ₄	5,05	70	2	0	0	0	2	0
" " "	5,5	40	0	0	0	0	0	0
" " "	5,21,7	85			0	0		
" " "	17,7	60	2	0	0	0		
Sulphuric + FeSO ₄ + Fe ₂ (SO ₄) ₃	20,5,5	100				0		
" " "	25,5,5	100		0		0		
Sulphuric + Ferric Sulphate Fe ₂ (SO ₄)	2,10	100	0	0	0	0	0	0
" " "	7,05	80	0	0	0	0	2	0
" " "	8,05	80	0	0	0	0	2	0
Sulphuric + Hydrochlorine Acid	2,2	35						
" " "	5,100ppm	46		0	0			
" " "	8, <1	70				0		
Sulphuric Acid + Sat. Hce gas	94,98	40,6						
Sulphuric + Hce + HF	80,5 trace	55						
" " "	3,2,5	55				2		
Sulphuric + Hce + HF + As ₂ O ₃	3,3,003,03	46				0		
Sulphuric + HF + HCe	10,1,5	50						
Sulphuric (Scrubber Liquor)	5,1,1,25,	65			0	0		
H ₂ SiF ₆ + Fe ₂ O ₃ + F + As ₂ O ₃	.18,3,8							

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sulphuric + H ₂ S	5 bobbling	100				2		
Sulphuric + MnO ₄ + F + C1	20,100ppm 50ppm,300ppm	100						
Sulphuric + Nitric Acid HNO ₃	.15,.15	100		0				
" " " "	.25,.15	100		0				
" " " "	.5,.15	100		0				
" " " "	5,1	25	0	0	0	0	0	0
" " " "	5,1	50	0	0	0	0	1	0
" " " "	10,1	80	2	1	0	1	2	0
" " " "	95,1	50	2	1	1	1	2	2
" " " "	10,3	25	0	0	0	0	0	0
" " " "	10,3	80	2	1	1	1	1	0
" " " "	20,5	50	0	0	0	0	0	0
" " " "	60,5	50	0	0	0	1	0	0
" " " "	60,5	80	2	2	2	2	2	2
" " " "	60,10	60	0	0	0	1	2	2
" " " "	60,10	80	2	2	2	2	2	2
" " " "	80,20	60	2	0	0	1	2	2
" " " "	80,20	100	2	2	2	2	2	2
" " " "	20,30	80	2	0	0	0	2	2
" " " "	40,30	80	2	2	2	2	2	2
" " " "	20,50	80,2	2	2	2	2	2	2
" " " "	40,25	33		0				
" " " "	31,57	48	0					
Sulphuric + HN ₃ + Etyhyalcohol	65,5,7	130	2	2	2	2	2	2
Sulphuric + Phosphoric Acid	2,41	80	2	0	0	0	2	2
" " "	35,41	80	2	2	1	1	2	2
" " "	47,43	70	2	2	2	2	2	2
" " "	15,53	60	2	2	2	2	2	2
Sulphuric + Posphoric Acid	3,5,76	80	2	2	0	0	2	2
Sulphuric + Phosphoric + Chromic	14,57,9	80	2	2	2	2	2	2
Sulphuric + Phosphoric + Nitric	45,42,2	100	2	2	2	1	2	2
" " "	23,64,2	0	0	0	0	0	2	2

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sulphuric + Potassium Bichromide	1,5	35	0	0	0	0	0	0
" " "	51,6	70	2	2	2	0	0	0
Sulphuric + Sodium Chloride	1,02	50	1	0	0	0	0	0
" " "	2,02	50	1	1	1	0	2	1
" " "	5,02	50	2	1	1	0	2	1
" " "	5,02	50	2	2	2	1	2	2
Sulphuric (93%) + Sodium Chloride	.002	90						
Sulphuric (98,5%) + Sodium Chloride	700ppm	90						
Sulphuric + Na ₂ SO ₄	21,22	60						
Sulphuric + Na ₂ SO ₄ + ZnSO ₄ + A1045 ZNs, FeS, CdS, H ₂ S, C1	.8-3,2,2 20ppm	85			0			
Sulphuric + SO ₂	40	70						
Sulphuric + SO ₂ + F + C1 + A1 + Fe + Hg	1,32,66,7 1,5ppm,4ppm	45						
Sulphuric + ZnSO ₄ + MnSO + HCeO ₄	8,9,4.03,.015	50				0		
Sulphuric + ZnSO ₄	13,7,11,5	50		2		0		
Sulphurous Acid H ₂ SO ₃	2% SO ₂	50	0	0	0	0	0	0
" " "	20% SO ₂	20	2	0	0	0	0	0
" " "	Sat. SO ₂	20	2	0	0	0	0	0
Tannic Acid	1	BP	0	0	0	0	0	0
" "	10	BP	0	0	0	0	0	0
" "	25	100	0	0	0	0	0	0
Tartaraic Acid	1	90	0	0	0	0	0	0
" "	20	70	0	0	0	0	0	0
" "	20	100	2	0	0	0	0	0
Textile Dyes, Acidic		BP	0	0	0	0	0	0

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Aluminium Chloride	5	50	1	1	1	1	0	0
" "	5	100	2	2	1	1	0	0
" "	10	100	2	2	2	2	0	0
" "	20	100	2	2	2	2	0	0
Aluminium Nitrate	All	20	0	0	0	0	0	0
Aluminium Sulphate	0,5	50	0	0	0	0	0	0
" "	5,0	BP	2	0	0	0	2	0
" "	10	50	0	0	0	0	1	0
" "	23	100	2	1	0	0	2	0
Ammonium Bicharbonate	All	20	0	0	0	0	0	0
Ammonium Bifluoride	10	25	2	1	1	1	2	2
Ammonium Bishulphite	10	BP	1	0	0	0	0	0
Ammonium Carabonate	All	100	0	0	0	0	0	0
Ammonium Chloride	1	100	1	1	1	1	0	0
" "	10	50	1	1	1	1	0	0
" "	20	90	1	1	1	1	0	0
Ammonium Flouride	10	25	0	0	0	0	2	1
Ammonium Nitrate + Phosphoric Acid	13,10	80	0	0	0	0	2	2
Ammonium Nitrate + Sulphate + Phosphoric Nitric Acids	15,9,4,9	100	0	0	0	0	0	0
Ammonium Oxalate	20	100	1	0	0	0	0	0
Ammonium Perchlorate	10	BP	0	0	0	0	0	0
Ammonium Persulphate	All	70	0	0	0	0	0	0
Ammonium Phosphate	All	100	0	0	0	0	0	0
Ammonium Sulphate	All	BP	0	0	0	0	0	0

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Ammonium Sulphate + Nitrate + Phosphoric & Nitric Acids	9,15,4,9	100	0	0	0	0	0	0
Ammonium Sulphate + Nitric Acid	30,26	80	0	0	0	0	0	0
Ammonium Sulphate + Phosphoric + Sulphuric Acids	20,10,1,5	90	2	0	0	0	2	2
" " "	30,15,3	90	2	0	0	0	2	2
" " "	9,16,1	80	0	0	0	0	2	2
Ammonium Sulphate + A ₂ SO ₄	42,2	100	2	0	0	0	2	1
" " "	40,1	80	2	2	1	0	2	2
" " "	20,5	80	2	2	2	0	2	2
" " "	40,5	60	2	0	0	0	2	1
" " "	20,10	40	2	0	0	0	2	1
" " "	20,10	80	2	2	2	0	2	2
" " "	40,10	80	2	2	2	0	2	2
Ammonium Sulphite	All	BP	0	0	0	1	0	0
Ammonium Thiocyanate	All	100	0	0	0	0	0	0
Amyl Chloride	All	20	1	1	1	0	0	0
Barium Chloride	6	100	2	2	2	1	0	0
Barium Nitrate	All	BP	0	0	0	0	0	0
Benzl Chloride	All	100	2	2	2	2	0	0
Blood		37	1	1	0	0	0	0
Borax (Sodium Tetraborate)	All	BP	0	0	0	0	0	0
Calcium Chloride	5	20	2	1	0	0	0	0
" "	5	50	2	2	0	1	0	0
" "	5	100	2	2	2	2	0	0
" "	1.0	50	2	2	1	2	0	0
" "	10	100	2	2	2	2	0	0
Calcium Chloride pHB	23	1			0	0		

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Tables of corrosion resistance

Rating: 0 = Satisfactory Life

1 = Possible Use-Check

2 = Don't use

MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Calcium Chloride	25	100	2	2	2	2	0	0
Calcium Chloride	40	100	2	2	2	2	0	0
Calcium Chloride + CA (OH) ₂	2,0,5	120					0	
Calcium Chloride + CA (OH) ₂	3,3,0,22	112					0	
Calcium Chloride + Dichromate	20	30				0		
Calcium Chloride + MgCl ₂ + CaSO ₄ + NaCl + KC1	1,30,,018, 0.14,,03	91						0
Calcium Cyanide + NaOH + Sodium Thiocyanate	1,0,05,1	70		0		0	0	0
Calcium Hypochlorite	1	20	2	1	1	0	0	0
" "	2	100	2	2	2	2	0	0
" "	6	20	2	1	1	1	0	0
" "	6	100	2	2	2	2	0	0
Calcium Sulphate	All	100	0	0	0	0	0	0
Calcium Sulphate + CaCl ₂ + MgCl + NaCl + KC1	.018,1,30	91						0
Calcium Sulphate + H ₂ SO ₄	0,2,0,2	125		0		0		
Boric Acid	8,0							
Calcium Sulphide	All	100	0	0	0	0	0	0
Carbon Disulphite	100	46	0	0	0	0	0	0
Carnalite (KCl, MgCl ₂)	Sat.	20	2	1	0	0	0	0
" " "	Sat.@ 20°C	BP	2	2	2	2	0	0
Cobalt Sulphate	3	65	0	0	0	0	0	0
Copper Nitrate	All	BP	0	0	0	0	0	0
Copper Plating Salt + NaOH EDTA + Formaldehyde	3g/l,15g/l 20g/l,4g/l	55		0				

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Copper Sulphate	All	BP	0	0	0	0	0	0
Copper Sulphate (CU2SO ₄) + NH ₃ + CO ₂ + Acetic Acid	20g/l, 128g/l 66G/L, 103G/L	79	0	0	0	0	0	0
Copper Sulphate + NiSO ₄ + H ₂ SO ₄ + C1	40g/l, 10g/l 170g/l, 300ppm	100			0	0		
Copper Sulphate (CuSO ₄) + H ₂ SO ₄	.05,8	80	2	0	0	0	2	2
" " "	40g7L, 180g/l	BP		0	0			
" " "	13,16	90	0	0	0	0	0	0
" " "	1,65	38	2	0	0	0	0	0
Dextrose (Sugar)		20	0	0	0	0	0	0
Dextrose + 0,3% HCe pH1		150	2	2	2	2	1	0
Dextrose + 0,5% NaCe pH5		100	2	2	2	2	0	0
E.D.T.A. + Formaldehyde + NaOH + Cu	20g/l, 4g/l 15g/l, 3g/l	55		0				
Ferric Chloride (FeC1 ₃)	0.5	20	2	2	1	1	0	0
Ferric Chloride (FeC1 ₃) + Nitric Acid	6,10	20	2	2	2	1	0	0
Ferrous Chloride (FeC1 ₂)	10	20	2	2	1	1	0	0
Ferric Nitrate	All	20	0	0	0	0	0	0
Ferric Sulphate	10	BP	0	0	0	0	0	0
Ferrous Sulphate	10	BP	1	0	0	0	0	0
Ferric Sulphate (Fe ₂ (SO ₄) ₃) + FeSO ₄ + H ₂ SO ₄	5,5,25	100		0		0		
Ferric Sulphate + H ₂ SO ₄	10,2	100	0	0	0	0	0	0
" " "	0,05,7	80	0	0	0	0	2	0
" " "	0,05,8	80	0	0	0	0	2	0

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Ferrous Sulphate, Ferric Sulphate + H ₂ SO ₄	5,5,20	100				0		
" " "	5,5,25	100		0		0		
Ferrous Sulphate (FeSO ₄ + H ₂ SO ₄)	.05,5	70	2	0	0	0	2	0
Ferrous Sulphate FeSO ₄ , H ₂ SO ₄	21,7,5	85			0	0		
Ferrous Sulphate (FeSO ₄) + H ₂ SO ₄	7,17	60	2	0	0	0	0	0
Magnesium Carbonate	All	20	0	0	0	0	0	0
Magnesium Chloride	2,5	20	2	2	1	1	0	0
" "	5	100	2	2	2	2	2	0
" "	20	100					0	
Magnesium Chloride CaCl ₂ + C _a SO ₄ + NaCl + KC1	30,1,.18 .14,.03	91						0
Magnesium Chloride + KC1	Sat.	20	2	1	0	0	0	0
" " "	Sat. @ 20°C	100	2	2	2	2	0	0
Magnesium Sulphate	5	60	0	0	0	0	0	0
" "	10	60	0	0	0	0	0	0
" "	20	BP	0	0	0	0	0	0
" "	23	BP	0	0	0	0	0	0
Magnesium Sulphate + ZnSO ₄ + H ₂ SO ₄ + HCl + H ₂ O	4,9,9,0,34 0,015	50				0		
Nickel Chloride	10	100	2	2	2	2	1	0
Nickel Nitrate	5-10	20	0	0	0	0	0	0
Nickel Sulphate	All	BP	0	0	0	0	0	0
Nickel Sulphate + Boric Acid + Hydrochloric Acid	25,1,2,0,2	80	2	2	2	1	0	0
Nickel Sulphate + CuSO ₄ + H ₂ SO ₄ + C1	10g/l, 40g/l, 170g/l 300ppm	100			0	0		

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *						
			304	316	SMO	825	Ti	TiPd	
Phosphorous Pentachloride - dry		100	20	0	0	0	0	0	0
Phosphorous Pentachloride - moist		100	20	0	0	1	1	0	0
Potassium Acetate		60	125		0				
Potassium Bichromate + H ₂ SO ₄	5,1	35		0	0	0	0	0	0
" " "	6,51	70		2	2	2	0	0	0
Potassium Chloride	Set. @ 20°C	100		2	2	2	2	0	0
Potassium Chloride + NaCe + MgCl ₂ + CaCl ₂ + CaSO ₄	0.03,0.14, 30,1,0.18								0
Potassium Chloride + MgCl ₂	Sat.	20		2	2	1	1	0	0
Potassium Iodide	All	BP		2	2	1	1	0	0
Potassium Permanganate + H ₂ SO ₄ + F + C1	100ppm,20 50ppm,300ppm	100							
Quinine Bisulphate	All	20		2	0	0	0	0	0
Quinine Sulphate	All	20		0	0	0	0	0	0
Silver Bromide	All	100		2	1	0	0	0	0
Silver Nitrate	All	BP		0	0	0	0	0	0
Sodium Acetate	All	100		0	0	0	0	0	0
Sodium Aluminate	All	20		0	0	0	0	0	0
Sodium Chloride + NaOH + NaCl	0.2,12.5,16.5	85					1		
Sodium Chloride				Refer to Product Department to assess all variables					
Sodium Chloride + Acetic Acid	1,1	70		1	1	1	1	0	0
" " " "	25,26	BP		1	1	1	1	0	0

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *						
			304	316	SMO	825	Ti	TiPd	
Sodium Chloride, Anilene NaOH	12,1,5,1,5	100							0
Sodium Chloride + Brine Hce	25,1	100							0
Sodium Chloride + Creosote	3,97	20	2	1	0	0	0	0	0
Sodium Chloride + Lacetic Acid	2,2	BP	2	2	2	2	0	0	0
Sodium Chloride + KC1 + MgC1 ₃ + CaC1 ₂ + CaSO ₄	0,14,00,03 30,1,0,18	91							
Sodium Chloride + Phosphoric Acid	6ppm,76	40	1	0	0	0	2	2	2
" " " "	6ppm,76	80	2	2	0	0	2	2	2
" " " "	312ppm,76	40	2	0	0	0	2	2	2
" " " "	312ppm,76	80	2	2	0	0	2	2	2
Sodium Chloride + Nitric Acid	1,55	80	2	2	2	1	0	0	0
Sodium Chloride + NaOH + NaCeO ₃	16,5, 12,5,0,2	85							
Sodium Chloride + Na ₂ S pH11	26,10	40					0	0	0
" " " "	26,10	80					0	0	0
Sodium Chloride + H ₂ SO ₄	700ppm,98,5	90							
" " "	0,02,1	50	1	0	0	0	0	0	0
" " "	0,02,2	50	1	1	1	0	2	1	1
" " "	0,02,5	50	2	1	1	0	2	1	1
" " "	0,02,5	50	2	2	2	1	2	2	2
Sodium Citrate	35	100	0	0	0	0	0	0	0
Sodium Flouride + HNO ₃									
Sodium Hyoochlorite	10	35					0		
" "	17,5	35					0		
Sodium Hypochlorite + NaOH	9,4	90					0		
Sodium Hitrate	All	BP	0	0	0	0	0	0	0

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Sodium Nitrite	All	BP	0	0	0	0	0	0
Sodium Peroxide	10	20	0	0	0	0	2	2
" "	10	100	0	0	0	0	2	2
Sodium Phosphate	All	BP	0	0	0	0	0	0
Sodium Salicylate	All	20	0	0	0	0	0	0
Sodium Silicate	All	100	0	0	0	0	0	0
Sodium Sulphate	All	20	0	0	0	0	0	0
Sodium Sulphate + H ₂ SO ₄	22,21	60						
Sodium Suphate + H ₂ SP ₄ + ZnSO ₄ + C1 + traces ZnS, CdS, FeS, H ₂ S	2,0.8-3, 2,20ppm	85			0			
Sodium Sulphide	5	BP	0	0	0	0	0	0
" "	10	BP	0	0	0	0	0	0
Sodium Sulphide + NaC1	10,26	40					0	0
" " "	10,26	80					0	0
Sodium Sulphide + NaC1 + NaOH	10,26,4	40					0	0
" " " "	10,26,4	80					0	0
Sodium Sulphite	50	BP	0	0	0	0	0	0
Sodium Tetraborate	All	BP	0	0	0	0	0	0
Sodium Thiosulphate	20	50	1	0	0	0	0	0
Sodium Thiocyanate	55	120		0				
Stannic Chloride (SnC1 ₄)	5-24	20	2	2	2	1	0	0
Stannic Chloride (SnC1 ₂)	5	20	2	2	2	1	0	0
Starch	All	60	0	0	0	0	0	0

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Tables of corrosion resistance

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MEDIA	Concentration %	°C	MATERIAL *					
			304	316	SMO	825	Ti	TiPd
Zinc Sulphate + MnSO ₄ + H ₂ SO ₄ + HCeO ₄ + HCe	9,4,8, 0.034,0.015	50				0		
Zinc Sulphate + Na ₂ SO ₄ + H ₂ SO ₄ + C1 + trances Zns + Cds, Fes, H ₂ S	2,2,,8-3 20ppm	85			0			
Zinc Sulphate + H ₂ SO ₄	11.5,13.7	50		2		0		

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