

Electrodes industrielles combinées pH Série 2000



MISE EN SERVICE

BAMO MESURES

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21-03-2016

150 M0 03 A

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150-03/1

Votre électrode de pH a fait l'objet de nombreux contrôles de qualité tout au long de sa fabrication.

Pour lui assurer une longue vie de fonctionnement en préservant sa précision, veuillez suivre les instructions ci-dessous.

1. Enlever le tube protecteur de stockage, couvrant le plongeur et le bulbe de l'électrode ; bien rincer ces derniers, avec de l'eau. Sécher l'excès d'eau avec un mouchoir en papier doux.

2. IMPORTANT

Le plongeur et le bulbe doivent être en permanence dans un milieu liquide ; quand l'électrode est utilisée régulièrement elle peut être laissée entre 2 séries de mesure dans un tampon à pH 7. Quand l'électrode n'est plus utilisée, elle doit être stockée dans une solution de KCl 3 Mol/l. Quand l'électrode est sèche, elle perd en qualité de réponse et doit être réhydratée dans une solution de KCl 3 Mol/l.

3. Ne pas tenir l'électrode avec les doigts car le moindre dépôt ou rayure entraineraient une perte de qualité de mesure.

4. Avant sa mise en service, vérifier l'absence de bulles d'air dans le bulbe. En cas de présence de bulles, secouer l'électrode vers le bas.

5. Conserver le câble et le connecteur parfaitement propres et secs, sinon, une perte d'isolation électrique adviendrait et, non seulement les mesures seraient fausses, mais l'électrode serait en plus endommagée, puis surviendrait une panne.

CALIBRATION DE LA CHAÎNE DE MESURE

1. Régler la valeur de la compensation de température sur votre pH-mètre à la valeur des températures des tampons ou de l'échantillon à tester.

2. Choisissez des tampons dont les valeurs sont proches des échantillons à tester.

3. Après avoir enlevé le tube de stockage et rincer l'électrode avec de l'eau distillée, la plonger dans le premier tampon. Attendre quelques secondes jusqu'à ce que la lecture de pH soit celle du tampon. Retirer l'électrode, la rincer à l'eau distillée, la sécher, puis la plonger dans le deuxième tampon. Attendre quelques secondes jusqu'à ce que la lecture de pH soit celle du tampon. Retirer l'électrode, la rincer à l'eau distillée. Elle est maintenant prête à une série de mesures : la plonger dans le premier échantillon, attendre quelques secondes puis lire le pH, retirer l'électrode, la rincer à l'eau distillée, la sécher, puis la plonger dans le deuxième échantillon, etc.

SOINS ET MAINTENANCE

Un nettoyage régulier de l'électrode est nécessaire.

Choisissez le meilleur agent de nettoyage dans la liste ci-dessous :

Salissures

Dépôts
Dépôts en général
Revêtement de matières inorganiques
Composés métalliques
Gras, huile
Biologiques Protéines
Résines, liants, dépôts résistants

Agents de nettoyage

Détergent ménager doux
Solutions nettoyantes pour vitres du commerce
HCl 1 M
EDTA ou solvant
Pepsin 1% en solution HCL 0.1 M
Acétone
Eau oxygénée, Javel diluée

GUIDE TO CHEMICAL RESISTANCE

The information and data contained herein are believed to be correct and are given in good faith. However, no liability is accepted therefore and no warranty or freedom from any patent is to be inferred.

NR = Not Resistant

Chemical Environment	& Conc.	Max. Temp. °C
Acetic Acid	.15	.90
Acetic Acid	.25	.90
Acetic Acid	.50	.82
Acetic Acid	.75	.65
Acetic Acid, Glacial	.100	.38
Acetic Anhydride	.100	.38
Acetone	.10	.82
Acetone	.100	.NR
Acid Cleaner (31% Hydrochloric Acid)		.88
Acrylamide	.50	.38
Acrylic Acid	.25	.38
Acrylic Latex		.49
Acrylonitrile Latex dispersion	.2	.27
Activated Carbon Beds, Water Treatment		.90
Agricultural Chemicals, Spray Operation		.49
Air One Sided (Uninsulated) Air Temp		.90
Immersion		.90
Alamine Amines		.82
Alcohol, Amyl	.All	.90
Alcohol, Butyl	.All	.49
Alcohol, Ethyl	.95%	.38
Alcohol, Isodecyl	.All	.49
Alkaline Cleaner - See sodium & potassium hydroxides		
Alkaline Solutions - See sodium, potassium, ammonium hydroxides and carbonated.		
Alkyl Benzene Sulfonic Acid	.92	.49
Allyl Alcohol	.100	.27
Allyl Chlorine	.All	.27
Alpa Methyl Styrene	.100	.49
Alpa Oleum Sulphates	.100	.49
Alum	.All	.90
Aluminium Chloride	.All	.90
Aluminium Chlorohydrate	.All	.90
Aluminium Chlorohydroxide	.50	.90
Aluminium Flouride	.All	.27
Aluminium Hydroxide	.100	.93
Aluminium Nitrate	.10	.82
Aluminium Nitrate	.100	.82
Aluminium Potassium Sulphate	.All	.90
Aluminium Sulphate	.All	.90
Ambitol Ethylene Glycol		.90
Amino Acids		.38
Ammonia	.Liquified Gas	.NR
Ammonia	.Gas	.38
Ammonia Acetate	.65	.27
Ammonium Bicarbonate	.10	.71
Ammonium Bicarbonate	.50	.71
Ammonium Bifluoride	.100	.65
Ammonium Bisulphide (Black Liquor)		.82
Ammonium Bisulphide (Cooking Liquor)		.65
Ammonium Bromate	.43	.71
Ammonium Bromide	.43	.71
Ammonium Carbonate	.All	.65
Ammonium Chloride	.All	.90
Ammonium Citrate	.All	.65
Ammonium Flouride	.All	.65
Ammonium Hydroxide	.5	.82
Ammonium Hydroxide	.10	.65
Ammonium Hydroxide	.20	.65
Ammonium Hydroxide	.29	.38
Ammonium Lauryl Sulphate	.30	.49
Ammonium Ligno Sulphonate	.50	.82
Ammonium Nitrate	.All	.90
Ammonium Persulphate	.All	.82
Ammonium Phosphate, dibasic	.All	.90
Ammonium Phosphate, monobasic	.All	.90
Ammonium Polysulphide	.Sat'd	.65
Ammonium Sulphate	.All	.90
Ammonium Sulphate (Bisulphide)	.Sat'd	.49
Ammonium Sulphite	.Sat'd	.65
Ammonium Thiocyanate	.50	.38
Ammonium Thiosulphate	.60	.38
Amyl Acetate	.All	.49

Chemical Environment	& Conc.	Max. Temp. °C
Amyl Alcohol	.All	.90
Amyl Alcohol, vapour		.90
Amyl Chloride	.100	.49
Aniline	.100	.21
Aniline Hydrochloride	.All	.82
Aniline Sulphate	.All	.90
Anodize (15% Sulphuric)		.90
Arsenic Acid	.All	.38
Arsenius Acid	.19°Be	.82
Barium Acetate	.All	.82
Barium Bromide	.All	.90
Barium Carbonate	.All	.90
Barium Chloride	.All	.90
Barium Cyanide	.All	.65
Barium Hydroxide	.All	.65
Barium Sulphate	.All	.90
Barium Sulphide	.All	.82
Benzaldehyde	.100	.21
Benzine	.100	.38
Benzine, Ethyl Benzine	.1/3:2/3	.38
Benzine, Hydrochloric Acid (Wet)		.38
Benzine Vapour		.49
Benzine Sulphonic Acid	.50	.65
Benzoic Acid	.Sat'd	.90
o-benzoyl Benzoic Acid	.All	.90
Benzyl Alcohol	.All	.38
Benzyl Chloride	.100	.27
Benzyltrimethylammonium Chloride	.60	.38
Bisulphite in Scrubber	.Gases	.90
Black Liquor (Pulp Mill)	.All	.82
Black Liquor (Pulp Mill) Thick	.All	.90
Black Liquor Kraft	.Thin	.82
Black Liquor recovery, furnace gases	.204	
Bleach Liquor (Pulp Mill)	.100	.93
Bleaches		
Calcium Hypochlorate	.All	.82
Chlorine Dioxide, Wet	.Sat'd	.86
Chlorine Water	.Sat'd	.99
Lithium Hypochlorite	.All	.82
Peroxides Dilute		.90
Sodium Hypochlorite	.5.25	.82
	.10	.82
	.18	.82
Blood Proteins	.20	.38
Blood Sugar	.All	.90
Blow Down (Non-Condensable Gases)		.90
Borax	.100	.90
Boric Acid	.All	.90
Brake Fluid HD557		.49
Brass Plating Solution		.82
3% Copper, 1% Zinc and 5.6% Sodium Cyanides, 3% Sodium Carbonate		
Brine	.All	.90
Bromine, Dry Gas		.38
Bromine, Liquid	.100	.NR
Bromine, Wet Gas	.100	.38
Brown Stock		.82
Bunker C Fuel Oil	.100	.90
2-Butoxyethanol	.100	.38
2,2-Butoxyethoxyethanol	.100	.38
Butyl Acetate	.100	.27
Butyl Acetate	.100	.27
Butyl Alcohol	.All	.49
Butyl Benzoate	.70	.38
Butyl Benzyl Phthalate	.100	.90
Butyl CARBITAL diethylene glycol	.100	.38
Butyl CELLOSOLVE Solvent	.100	.38
Butylene Glycol	.100	.82
Butyraldehyde	.100	.38
Butyric Acid	.25	.90
Butyric Acid	.50	.90
Butyric Acid	.100	.49

Chemical Environment	& Conc.	Max. Temp. °C
Cadmium Chloride	All	.90
Calcium Bisulphite	All	.82
Calcium Bromide	All	.90
Calcium Chlorate	All	.90
Calcium Chloride	All	.90
Calcium Hydroxide	.15	.82
Calcium Hydroxide	.25	.90
Calcium Hydroxide	.100	.90
Calcium Hypochlorite	All	.82
Calcium Nitrate	All	.90
Calcium Sulphate	All	.90
Calcium Sulphite		.82
Caprylic Acid (See Octanoic Acid)	All	.90
Carbon Dioxide Gas		.90
Carbon Disulphide	.100	.NR
Carbon Disulphide	Fumes	.65
Carbon Monoxide	.Gas	.90
Carbon Tetrachloride	.100	.82
Carbon Tetrachloride, Vapour		.90
CARBOWAX Polyethylene Glycol	.100	.82
Carboxyethyl Cellulose	.10	.65
CASCADE Detergent in Solution		.82
Castor Oil	.100	.71
Chlorinated Pulp		.90
Chlorinated Wax	All	.82
Chlorine - Hydrochloric Acid, Wet	8-10	.90
Chlorine Dioxide	All	.65
Chlorine Dioxide, Wet	Sat'd	.82
Chlorine Dioxide Generator Effluent		.82
Chlorine Water	Sat'd	.90
Chlorine, dry gas	.100	.90
Chlorine, wet gas	.100	.90
N-Chloro O Toly (insecticide emulsion)	.10	.49
Chloroacetic Acid	.25	.49
Chloroacetic Acid	.50	.38
Chloroacetic Acid	Conc	.NR
Chlorobenzene	.100	.38
Chloroform	.100	.NR
Chloropyridine (tetra)	.100	.49
Chlorosulphonic Acid	.10	.NR
Chlorotoluene	.100	.38
Chrome Bath, 19% Chromic Acid with Sodium Fluosilicate and Sulphate		.65
Chromic Acid	.5	.65
Chromic Acid	.10	.65
Chromic Acid	.20	.65
Chromic Acid	.30	.NR
Chromium Plate		.54
Chromium Sulphate	All	.82
Citric Acid	All	.90
Cobalt Chloride	All	.82
Cobalt Citrate	.12	.82
Cobalt Nitrate	.15	.49
Coconut Oil	All	.90
Copper Chloride	All	.90
Copper Cyanide	All	.90
Copper Cyanide, Plating Bath		.71
Copper Cyanide, Potassium Cyanide, Potassium Hydroxide	8:3:2 oz/gal	.82
Copper Nitrate	All	.90
Copper Plating Solution		.82
Copper Sulphate	All	.90
Corn Oil		.90
Cottonseed Oil		.90
Crude Oil, Sour	.100	.90
Crude Oil, Sweet	.100	.90
Cyanide Disposal (Hypo)		.38
Cyclohexane	.100	.65
DMA4 Weed Killer 2, 4-D (Dimethylamine)		.65
DMA6 Weed Killer		.49
DALAPON grass Killer		.27
Deconal	.100	.82
Deionised Water	.100	.82
Deminerlized Water	.100	.90
Detergents, Organic pH 12	.100	.82
Diallylphthalate	All	.90
Di-ammonium Phosphate	.65	.90
Dibromo Phenol		.38
Dibutyl Ester	.100	.90
Dibutyl Sebacate	All	.65
Dibutylphthalate	All	.90
Dichlorobenzene	.100	.49
Dichloroethane	.100	.27
Dichloroethylene	.100	.NR
Dichloropropane	.100	.38
Dichloropropene	.100	.27
Dichlorotoluene	.100	.49

Chemical Environment	& Conc.	Max. Temp. °C
Diesel Fuel	.100	.90
Diethanol Amine	.100	.49
Diethyl Benzene	.100	.65
Diethyl Carbonate	.100	.38
Diethyl Ketone	.100	.27
Diethyl Sulphate	.100	.49
Diethyl Glycol	.100	.90
Diethylene n-butyl ether	.100	.38
Diethylhexyl Phosphoric Acid	.20	.82
Diisobutyl Ketone		.49
Diisobutyl Phthalate	.100	.65
Diisobutylene	.100	.38
Diisopropanol	.100	.65
Dimethyl Formamide	.100	.NR
Dimethyl Morpholine	.100	.49
Dimethyl Phthalate	.100	.82
Dimethyl Sulphide	.100	.27
2, 2-Dimethyl Thiazolidine	.1	.82
Diocetyl Phosphate	.100	.90
Diphenyl Oxide	.100	.49
Dipotassium Phosphate	.50	.38
Dipropylene Glycol	.100	.90
Distilled Water	.100	.82
Divinyl Benzene	.100	.49
Dodecanol	.100	.82
Dodecene	.100	.82
Dodecyl Benzene (Sulphonic Acid: Sulphonic Acid: Water: Oil)	.85:10:4:1:1	.65
Dodecyl Benzene Sulphonic Acid	.100	.49
Epichlorohydrin	.100	.27
Epoxidised Soybean Oil	.100	.65
Esters, Fatty Acid	.100	.82
Ethanol	.95	.38
Ethanol	.50	.65
Ethanol (Ethyl Alcohol)	.10	.65
Ethanolamine	.100	.27
Ethyl Acetate		.21
Ethyl Benzene		.49
Ethyl Benzene	2:1	.38
Ethyl Chloride	.100	.27
Ethyl Ether	.100	.NR
Ethyl Sulphate	.100	.38
Ethylene Chlorohydrin	.100	.38
Ethylene Dichloride	.100	.27
Ethylene Glycol	All	.90
Ethylene Glycol Monbutyl Ether	.100	.38
Eucalyptus Oil	.100	.60
Fatty Acids	All	.90
Ferric Acetate	Sat'd	.82
Ferric Chloride	All	.90
Ferric Chloride: Ferrous Chloride	5:20	.90
Ferric Nitrate	All	.90
Ferric Sulphate	All	.90
Ferrous Chloride	All	.90
Ferrous Nitrate	All	.90
Ferrous Sulphate	All	.90
Flue Gas		.90
Fluoboric Acid	All	.90
Fluoride Salts: Hydrochloric Acid 3:1		.49
Fluorine Gas	.10	.82
Fluosilicic Acid	.10	.82
Fluosilicic Acid	.25	.38
Fluosilicic Acid	.35	.38
Fluosilicic Acid Fumes		.82
Fly Ash Slurry		.65
Formaldehyde	.44	.65
Formaldehyde	All	.65
Formic Acid	.10	.82
Formic Acid	.98	.39
Fuel Oil Oil	.100	.90
Furfural Alcohol	.100	.27
Gallic Acid	Sat'd	.38
Gasoline	.100	.82
Gasoline, Aviation	.100	.82
Gasoline, no lead, no Methanol	.100	.65
Gloconic Acid	.50	.82
Glucose	.100	.90
Gluteraldehyde	.50	.49
Gluteric Acid	.50	.49
Glycerine	.100	.90
Glycol	All	.90
Glycolic Acid (Hydroxy acetic)	.70	.38
Glyoxal	.40	.38

Chemical Environment	& Conc.	Max. Temp. °C
n-Heptane	.100	.90
Herbicides		.49
Hexachlorethane	.100	.49
Hexamethylenetetramine	.40	.49
Hexane	.100	.71
Hot Stack Gas		.90
Hydraulic Fluid	.100	.82
Hydroiodic Acid	.40	.65
Hydrobromic Acid	.18	.82
Hydrobromic Acid	.25	.82
Hydrobromic Acid	.48	.65
Hydrobromic Acid	.62	.38
Hydrochloric Acid	.20	.90
Hydrochloric Acid	.37	.82
Hydrochloric Acid Fumes		.90
Hydrocyanic Acid	All	.90
Hydrofluoric Acid	.10	.65
Hydrofluoric Acid	.20	.38
Hydrofluosilic Acid	.10	.82
Hydrofluosilic Acid	.25	.38
Hydrofluosilic Acid	.35	.38
Hydrogen Bromide, wet gas	.100	.82
Hydrogen Chloride, dry gas	.100	.90
Hydrogen Chloride, wet gas	.100	.90
Hydrogen Fluoride Vapour		.82
Hydrogen Peroxide	.30	.65
Hydrogen Sulphide	.5	.90
Hydrogen Sulphide	.100	.90
Hydroxyacetic Acid (Glycolic Acid)	.70	.38
Hypophosphorous Acid	.50	.49
Incinerator Gases	.100	.90
Insecticides		.49
Iodine, Crystals	.100	.65
Iodine, Vapour	.100	.82
Iron Plating Solution 45 Lfe C12; 15% CaC12; 20% FeSo4; 11% (NH4)2 So4 (121)		.90
Iron, Steel Cleaning Bath 4% Hcl, 23% H2 So4		.90
Isoamyl Alcohol	.100	.49
Isobutyl Alcohol	.100	.49
Isodecanol		.49
Isononyl Alcohol	.100	.65
Isooctyl Adipate	.100	.65
Isooctyl Alcohol	.100	.65
Isopropyl Alcohol	All	.49
Isopropyl Amine	.100	.49
Isopropyl Myristate	.100	.90
Isopropyl Palmitate	.100	.90
Itaconic Acid	.2	.49
Jet Fuel	.100	.82
Kerosene	.100	.82
Lactic Acid	All	.90
Latex		.49
Lauroyl Chloride		.49
Lauryl Alcohol	.100	.82
Lauryl Chloride	.100	.90
Lauryl Chloride, Crude, Acidic	.100	.90
Lauryl mercaptan	All	.65
Lead Acetate	All	.90
evulinic Acid	All	.90
Linseed Oil	.100	.90
Lithium Bromide	Sat'd	.90
Lithium Carbonate	Sat'd	.82
Lithium Chloride	Sat'd	.90
Lithium Hydroxide	Sat'd	.82
Lithium Hypochlorate	All	.82
Magnesium Bisulphite	All	.82
Magnesium Carbonate	All	.82
Magnesium Chloride	All	.121
Magnesium Fluosilicate	All	.90
Magnesium Hydroxide	.100	.90
Magnesium Nitrate	All	.90
Magnesium Sulphate	All	.90
Maleic Acid	.100	.90
Manganese Chloride	All	.90
Manganese Sulphate	All	.90
Mercaptoacetic Acid	All	.38
Mercuric Chloride	.100	.90
Mercurous Chloride	All	.90
Mercury	.100	.90
Methyl Alcohol (Methanol)	.100	.38
Methyl Bromide (Gas)	.10	.27
Methyl Ethyl Kertone	.100	.21

Chemical Environment	& Conc.	Max. Temp. °C
Methyl Styrene (Alpha)	.100	.49
Mineral Oils	.100	.90
Monochlorobenzene	.100	.38
Morpholine	.100	.27
Motor Oil		.90
Myristic Acid	.100	.90
Naptha	.100	.90
Napthalene	.100	.90
Nickel Chloride	All	.90
Nickle Nitrate	All	.90
Nickel Sulphate	All	.90
Nitric Acid	.5	.82
Nitric Acid	.20	.65
Nitric Acid	.40	.27
Nitric Acid Fumes		.82
Nitric / Hydrofluoric Acid	8/5	.60
Nitrobenzene	.100	.38
Non-Condensable Blow-down Gases		.90
Octanoic Acid	.100	.90
Oil, Sour Crude	.100	.90
Oil, Sweet Crude	.100	.90
Oleic Acid	All	.93
Olive Oils	.100	.90
Oxalic Acid	All	.90
Ozone		.90
Palmitic Acid	.100	.90
Pentanedioic Acid	.50	.40
Perchloric Acid	.10	.65
Perchloric Acid	.30	.38
Perchloroethylene	.100	.49
Phenol (Carbolic Acid)	.5	.49
Phenol	.88	.21
Phenol Formaldehyde Resin	All	.49
Phenol Sulphonic Acid	.65	.27
Phosphoric Acid	.85	.90
Phosphoric Acid	.100	.90
Phosphoric Acid, Vapour and Fumes	.100	.90
Phosphorous Acid	.70	.38
Phthalic Acid	All	.99
Picric Acid (Alcohol)	.10	.38
Pine Oil	.100	.49
Platinum Plating Solution		.82
Polyacrylamide		.38
Polyethylene Imine	.12	.65
Polyphosphoric Acid		.99
Polyvinyl Acetate Adhesives		.49
Polyvinyl Alcohol	All	.49
Potassium Aluminium Sulphate	All	.90
Potassium Bicarbonate	.10	.65
Potassium Bicarbonate	.50	.82
Potassium Bromide	All	.49
Potassium Carbonate	.10	.65
Potassium Carbonate	.25	.65
Potassium Carbonate	.50	.82
Potassium Chloride	All	.90
Potassium Dichromate	All	.90
Potassium Ferricyanide	All	.90
Potassium Ferrocyanide	All	.90
Potassium Gold Cyanide	.12	.38
Potassium Hydroxide	.10	.65
Potassium Hydroxide	.25	.65
Potassium Hydroxide	.45	.82
Potassium Iodide	All	.65
Potassium Nitrate	All	.90
Potassium Permanganate	All	.90
Potassium Persulphate	All	.90
Potassium Pyrophosphate	.60	.65
Potassium Silicofluoride		.38
Potassium Sulphate	All	.90
Propionic Acid	.50	.82
Propionic Acid	.100	.38
Propylene Glycol	All	.90
Pulp Paper Mill Blow Down (non condensable gases)		.90
Quaternary Amine Salts		.65
Radiation Resistance		.60
Rayon Spinning Fumes	Fumes	.60
Recovery Boiler Gases		.90
Red Liquor	All	.65
Salt Brine	.30	.90
Sea Water		.90

Chemical Environment	& Conc.	Max.	Temp.
			°C
Selenious Acid	.All		.90
Silver Nitrate	.All		.90
Silver Plating Solution			
4% Silver: 7% Potassium and			
5% Sodium Cyanides: 2% potassium			
Carbonate			.82
Sodium Acetate	.All		.90
Sodium Alkyl Arul Sulphonates	.All		.82
Sodium Aluminate	.All		.49
Sodium Benzoate	.100		.82
Sodium Bicarbonate	.10		.82
Sodium Bicarbonate	.Sat'd		.82
Sodium Bisulphate	.All		.90
Sodium Bisulphite	.Sat'd		.90
Sodium Borate	.Sat'd		.90
Sodium Bromate	.5		.65
Sodium Bromide	.All		.90
Sodium Carbonate	.10		.82
Sodium Carbonate	.25		.82
Sodium Carbonate	.32		.82
Sodium Carbonate	.35		.82
Sodium Chlorate	.50		.90
Sodium Chlorate	.100		.90
Sodium Chlorate	.10		.65
Sodium Chlorate	.100		.49
Sodium Chromate	.50		.90
Sodium Cyanide	.All		.90
Sodium Dichromate	.100		.90
Sodium Di-phosphate	.100		.90
Sodium Dodecylbenzene-sulphonate			.71
Sodium Ferricyanide	.All		.90
Sodium Ferrocyanide	.All		.90
Sodium Fluoride	.All		.82
Sodium Fluoro Silicate	.All		.49
Sodium Hexameta Phosphate	.10		.38
Sodium Hydrosulphide	.All		.82
Sodium Hydroxide	.25		.82
Sodium Hydroxide	.50		.90
Sodium Hypochlorate	.18		.82
Sodium Lauryl Sulphate	.All		.71
Sodium Mono-phosphate	.All		.90
Sodium Nitrate	.All		.90
Sodium Oxalate	.Sat'd		.90
Sodium Phosphate	.10		.90
Sodium Phosphate Tri	.All		.90
Sodium Polyacrylate	.25		.82
Sodium Silicate	.All		.90
Sodium Sulphate	.All		.90
Sodium Sulphide	.All		.90
Sodium Sulphite	.All		.90
Sodium Tartrate	.All		.90
Sodium Tetraborate	.Sat'd		.82
Sodium Thiocyanate	.57		.82
Sodium Thiosulphate	.All		.82
Sodium Tripolyphosphate	.Sat'd		.90
Sodium Xylene Sulphonate	.All		.71
Solder Plate			.65
Solvent Extract Solutions			.82
4% Trioctylphosphine oxide (TOPO)			
4% Diethyl Hexyl Phosphoric Acid (DEHPA)			
92% Kerosene			
Solvent Extraction Solutions			.82
3% Isodecanol: 6% ALAMINE 336:			
9% Kerosene			
Sorbitol Solutions	.All		.82
Sour Crude Oil	.100		.90
Soya Oil	.100		.90
Stannic Chloride			.90
Stannous Chloride			.90
Steam			.90
Stearic Acid	.All		.90
Styrene	.100		.49
Styrene Acrylic Emulsion			.49
Succinonitrile, Aqueous			.38
Sugar Beet, Liquor			.82
Sugar, Cane, Liquor and Sweetwater	.All		.82
Sugar / Sucrose	.All		.90
Sulphamic Acid	.10		.90
Sulphamic Acid	.25		.65
Sulphamic Acid	.All		.90
Sulphate Process (Non-Condensable Gases)			.90
Sulphite / Sulphate Liquors (Pulp Mill)			.90
Sulphonated Detergents	.100		.82
Sulphur Chloride	.Fumes		.90
Sulphur Dioxide (dry or wet)			.90
Sulphur Dioxide Burner, Wet Gas			.90
Sulphur, Molten			.90

Chemical Environment	& Conc.	Max.	Temp.
			°C
Sulphur Trioxide			.90
Sulphur, Wettable, Fungicide'			.82
Sulphuric Acid	.25		.90
Sulphuric Acid	.70		.82
Sulphuric Acid	.75		.49
Sulphuric Acid	.93		.NR
Sulphuric Acid, Vapour			.90
Sulphuric Acid:			
Ferrous Sulphate	.10:Sat'd		.90
Sulphuric Acid:			
Phosphoric Acid	.10:20		.82
Sulphurous Acid	.10		.49
Superphosphoric Acid	.100%		.90
Tall Oil Reactor			.90
Tall Oil Storage	.All		.90
Tannic Acid	.All		.90
Tartaric Acid	.All		.90
Tetrochloroethane	.100		.49
Tetrachloroethylene	.100		.49
Tetrachloropentane	.100		.38
Tetrachloropyridine			.49
Tetrapotassium Pyrophosphate	.60		.65
Thermal Oxidizer (HCl Absorption)			.82
Thioglycolic Acid	.All		.38
Tobias Acid	.All		.90
Toluene	.100		.49
Toluene Sulphonic Acid	.All		.90
Transformer Oils			.90
Tributyl Phosphate	.100		.60
Trichloroacetic Acid	.50		.90
Trichloroethane	.100		.49
Trichloromonofluoromethane	.100		.38
Trichlorophenoxyacetic Acid			.65
Tricresyl Phosphate	.100		.71
Triethanolamin	.100		.49
Triethylamine	.All		.49
Triethylene Glycol	.100		.82
Tripolyethylene Glycol	.100		.65
Trisodium Phosphate	.All		.90
Turpentine	.100		.90
Tween (Surfactant)	.All		.82
Tydex Flocculent	.12		.65
Uranium Extraction			.82
Uran Fertilizer			.49
Urea	.50		.65
Urine Sugar			.90
Vinegar	.100		.90
Vinyl Toluene	.100		.49
Waste, Organic, H2O, HCL, C12 Vapours			.82
Water, 50ppm Phenol			.49
Water, Deionised	.100		.82
Water, Distilled	.100		.90
Water, Sea, desalination pH 7.5	.1.75x		.82
	.Normal		
Water, Sea, desalination pH 7.5	.2.7x		.82
	.Normal		
Water, Stream, Condensate	.100		.82
White Liquor (Pulp Mill)			.82
Xylene	.100		.49
Zinc Chloride	.70		.90
Zinc Cyanide			.82
Zinc Elecroyte			.65
Zinc Nitrate	.All		.90
Zinc Sulphate	.All		.90