Compatibilità chimica dei materiali rispetto alle sostanze chimiche indicate

Legenda
A Nessun effetto - Raccomandato
B Attacco leggero - Buono
C Attacco moderato - Modesto
D Attacco forte - Non adatto

	PTFE	NBR	VITON	EPDM	CR (NEOPRENE)	VMQ (SILICONE)	NORYL	GG25	GGG40	OTTONE	BRONZO	BRONZO ALLUMINIO	ACCIAIO CARBONIO	AISI 304	AISI 316
Acetilene	D	D	D	D	D	D		D	D	D	D	D	D	D	D
Acetone	A	D	D	A	C	D	D	B	A	A	A	A	B	A	A
Acidi Grassi	A	C	A	C	B	C	C	D	D	C	C	B	C	A	A
Acido Acetico	A	D	C	B	C	B	B	D	D	C	C	C	D	B	A
Acido Carbonico	A	B	A	A	A	A	A	D	D		C		D	A	B
Acido Citrico	A	D	A	A	A	A	A	D	D	C	C	B	C	A	A
Acido Cloridrico (20%)	A	C	A	A	C	C	D	D	D	D	C	A	D	D	D
Acido Cloridrico (37% Caldo)	A	D	B	C	D	C	D	D	D	D	C	B	D	D	D
Acido Cloridrico (37% Freddo)	A	C	A	C	C	C	D	D	D	D	C	A	D	D	D
Acido Fluoridrico (20%)	A	D	A	A	C	D		D	D	D	C		D	D	D
Acido Fluoridrico (75%)	A	D	A	C	C	D		D	D	D	C		D	D	D
Acido Fluoridrico (100% Freddo)	A	D	A	C	D	D		D	D	D	C		D	D	D
Acido Fluoridrico (100% Caldo)	A	D	B	D	D	D		D	D	D	C		D	D	D
Acido Formico	A	D	C	A	D	B	A	D	D	B	B	B	B	A	B
Acido Fosforico (40%)	A	D	A	B	D	D	A	D	D	D	C	D	C	B	A
Acido Fosforico (40-100%)	A	D	B	B	D	D	A	D	D	D	C	D	C	C	B
Acido Fosforico (Crudo)	A	D	A	B	D	D	A	C	D	D	C	D	C	D	C
Acido Nitrico (5-10%)	A	D	A	B	D	D	A	D	D	D	C	D	C	A	A
Acido Nitrico (20%)	A	D	A	D	D	D	A	D	D	D	C	D	C	A	A
Acido Nitrico (50%)	A	D	A	D	D	D	A	D	D	D	C	D	C	A	A
Acido Nitrico (Concentrato)	A	D	B	D	D	D	C	D	D	D	C	D	C	D	B
Acido Nitroso	A	D	B	D	D	D		D	D	D	C	D	D	A	A
Acido Solforico (10%)	A	C	A	D	C	C	A	D	D	D	B	C	C	C	C
Acido Solforico (10-75%)	A	D	A	D	C	D	B	D	D	D	B	D	C	C	C
Acido Solforico (75-100%)	A	D	B	D	D	D	D	D	D	D	B	D	C	C	C
Acido Solforoso	A	C	A	B	B	B		C	D	C	B	C	C	B	B
Acqua Ammoniacale	A	B	C	A	A	A	A	B	A	D		B	C	A	A
Acqua di Mare	A	A	A	A	B	A	A	D	D	C	B	A	D	A	A
Acqua di Piscina	A	B	A	A	C						A	A	A	A	A
Acqua distillata, demineralizzata, de-ionizzata	A	A	A	A	B	A	A	D	D	A	A		D	A	A
Acqua emulsionata (acqua bianca)	A	A	A	D	B	C		A	A	A	A	A	A	A	A
Acqua Saponata - Soluzioni di Sapone	A	A	A	A	B	A		B	B	A			A	A	A
Acque Acide	A	A	C	A	B	D	A	D	C	D	C		D	A	A
Acque Bianche (da Cartiera)	A		A		A									A	A
Alcol Etilico	A	A	A	B	A	A	A	B	A	B	A	B	B	A	A
Alcol Metilico	A	B	B	A	A	A	A	B	A	B	A	B	B	A	A
Alcol Propilico	A	A	A	A	A	A	A	B	B	A	A	B	B	A	A
Ammine	A	D	D	B	B	A		A	A	B			A	A	A
Ammoniaca (10%)	A	D	D	A	A	A	A	A	A	D	C	B	A	A	A
Ammoniaca, Anidra	A	B	D	A	A	A		B	D	D	A	B	C	B	A
Anilina	A	D	C	B	D	B	D	B	B	D	C	C	C	A	A
Antigelo	A	A	A	A	C	A	A		A					A	A
Bagni per Placcature: Argentatura	A	A	A	A	A	D									A
Bagni per Placcature: Cromatura	A	D	C	A	D	D									C
Bagni per Placcature: Nichelatura	A	A	A		A	D									C
Benzene	A	D	A	D	D	D	D	B	B	B	A	A	A	A	A
Benzina	A	C	A	D	D	D	D	B	A	A	A	A	B	A	A
Benzolo, Alcool Benzilico	A	D	A	B	B	B	A	B	A	B	A		B	A	A
Bicarbonato di Potassio	A	A	A	A	A	A	A	B	D	B	B	B	B	A	B
Bicarbonato di Sodio	A	A	A	A	A	A		C	C	B	B	A	C	A	A
Biogas	A	A	A	D	C	B	D	B	B	C	B	B	A	B	A
Biossido di Carbonio	A	A	B	B	B	A	A	B	D	A	B		C	A	A
Biossido di Zolfo	A	D	A	A	B	B	D		A	D	B		C	A	A
Butano	A	A	A	D	B	A	D	A	C	A	A	A	A	A	A
Candeggina	A	C	A	B	B	D			D					A	A
Carburante Avio (JP3, JP4, JP5)	A	A	A	D	D	D	D	B	A	A	B	A	A	A	A
Cherosene	A	A	A	D	D	D	D	B	A	A	B	A	B	A	A
Chetoni	A	D	D	D	D	D	D	A	A	A	B		A	A	A
Cloro (Liquido Anidro)	A	D	A	B	D	D		C	C	D	C		C	D	D
Detergenti	A	A	A	A	B	C		B	C	B				A	A
Diserbanti	A	B	A		C									A	A
Esano	A	A	A	D	B	B	D	B	B	A	A	A	A	A	A
Etano	A	A	A	D	B	B	D	B	B	B	A	A	A	B	A
Freon 11	A	C	B	D	D	C		C	C	B	A		A	A	A

Compatibilità chimica dei materiali rispetto alle sostanze chimiche indicate

Legenda
A Nessun effetto - Raccomandato
B Attacco leggero - Buono
C Attacco moderato - Modesto
D Attacco forte - Non adatto

	PTFE	NBR	VITON	EPDM	CR (NEOPRENE)	VMQ (SILICONE)	NORYL	GG25	GGG40	OTTONE	BRONZO	BRONZO ALLUMINIO	ACCIAIO CARBONIO	AISI 304	AISI 316
Freon 113	A	A	B	D	A	D		C		B	A		A	A	A
Freon 12 (Soluzione Acquosa)	A	A	A	B	B	D		B		A	A		A	A	D
Freon 22	A	D	D	A	A	D		B		A	A		A	A	A
Freon T.F.	D	A	A	D	A	D		C		B	A		A	A	A
Fluoro	A	D	B	C	C	D			D		C		B	D	D
Formaldeide	A	C	D	B	D	B	A	C	D	A	A	A	B	A	A
Gasolio (Diesel)	A	B	A	D	D	D	C	A	A	A	B		C	A	A
Glicerina	A	A	A	A	A	A	A	B	B	B	A	B	B	A	A
Glicole, Glicole Etilenico	A	A	A	A	A	A	A	B	B	B	A	A	A	A	A
Glicole Propilenico	A	A	A	A	C	A	A	B	B	B	A		B	B	A
Idrocarburi Aromatici	A	D	A	D	D	D	D	A	A	A	A	A	A	A	A
Idrogeno Gas	A	A	A	B	A	C			B		A	D	D	A	A
Idrogeno Solforato (Secco)	A		D	A	C	C		C	B	C	A		C	C	A
Idrogeno Solforato (Soluzione Acquosa)	A	C	C	A	B	C		D	D	D	C		D	A	A
Idrossido di Potassio	A	B	D	A	A	C		C	C	D	B		B	B	B
Idrossido di Sodio (Soda Caustica, 20%)	A	A	C	A	B	A	A	B	A	A	B	D	B	A	A
Idrossido di Sodio (Soda Caustica, 50%)	A	D	D	A	C	A	A	B	B	A	B	D	B	A	B
Idrossido di Sodio (Soda Caustica, 80%)	A	D	D	C	C	A	A	B	C	B	B	D	B	A	C
Inchiostro	A	A	A	A	A	A		D	D				D	A	A
Inibitori della ruggine	A	A	A		C				A					A	A
Ipoclorito di Sodio (20%)	A	C	A	A	D	B		D	D	D	C	D	D	C	C
Ipoclorito di Sodio	A	B	A	A	D	B		D	D	D	C	D	D	D	A
Lacche, Vernici	A	D	D	D	D	D		C	C	A	A		C	A	A
Liquidi base Tannino, per Concia	A	C	A	B	A	B					B	A	C	A	A
Liquidi Zuccherini	A	A	A	C	B	A	A	C	B	A	A		D	A	A
Lubrificanti	A	A	A	D	D	B	D	A	A	B	B	B	A	A	A
Metano	A	A	A	D	B	B	D	B	B	B	A	A	A	B	A
Nafta	A	B	A	D	D	D	D	B	B	B	B	A	B	A	A
Naftalene (Naftalina)	A	D	A	D	D	D	D	B	B	B	B	A	B	A	B
Oli Combustibili	A	A	A	D	B	D	D	B	B	B	B		C	A	A
Oli Idraulici (base Petrolio)	A	A	A	D	B	B	D	B	A	B	B	B	A	A	A
Oli Idraulici (base Sintetica)	A	C	A	C	B	B	D	B	A	B	B	B	A	A	A
Oleum (Acido Solforico Fumante 25%)	A	D	A	D	D	C		C	D	C	C	C	C	B	B
Olio di Colza	A	B	A	A	D	A	D	B	B	B	B	B	B	A	A
Olio da taglio (integrale)	A	B	A	D	D	D		A	A	A	A	A	A	A	A
Olio da taglio (emulsionato)	A	A	A	D	B	C		A	A	A	A	A	A	A	A
Olio Diatermico (per trasformatori)	A	A	A	D	B	B	D	B	B	B	B	A	A	A	A
Olio Minerale	A	A	A	D	B	B	D	B	A	B	B	B	A	A	A
Olio di Oliva	A	A	A	A	B	B	D	B	A	C	B	B	B	A	A
Olio di Palma	A	A	A	B	D	A	D	C	C	B		B	C	A	A
Oli Siliconici	A	A	A	A	A	D	A		A					A	A
Olio per Trasformatori	A	A	A	D	B	B	D	B	B	B	B	A	A	A	A
Paraffina	A	A	A	D	C	A	C	B	B	A	A	A	B	A	A
Pentano	A	A	A	D	B	C	D	B	B	A	A	A	A	C	C
Permanganato di Potassio	A	A	A	A	A	D		B	B	B	B		B	A	B
Perossido di Idrogeno (Acqua Ossigenata, 10%)	A	A	A	C	D	A	A	D	D	C	C	D	C	C	C
Perossido di Idrogeno (Acqua Ossigenata, 30%)	A	D	B	C	C	A	C	D	D	D	C	D	C	C	B
Perossido di Idrogeno (Acqua Ossigenata, 50%)	A	D	B	C	C	A	C	D	D	D	C	D	C	C	B
Perossido di Sodio	A	C	A	A	B	D		C	D	D	C		C	A	A
Petrolio greggio sour (S>1%)	A	C	A	D	C			C	C	C			B	A	A
Petrolio greggio sweet (S<1%)	A	C	A	D	C			C	B	B			B	A	A
Potassio	A	A	A	B	B	D	A		B	D		B		A	A
Propano - GPL (Liquefatto)	A	A	A	D	B	C	D	B	B	A	A	A	B	A	A
Salamoia	A	A	A	B	C			D	C	B	B	A	C	B	A
Soda Caustica (Idrossido di Sodio, 20%)	A	A	C	A	B	A	C	B	A	A	B	D	B	A	A
Soda Caustica (Idrossido di Sodio, 50%)	A	D	D	A	C	A	C	B	B	A	B	D	B	A	B
Soda Caustica (Idrossido di Sodio, 80%)	A	D	D	C	C	A	C	B	C	B	B	D	B	A	C
Solventi per Lacche, Vernici	A	D	D	A	D	D		C	C	A	A		C	A	A
Tinture	A	D	A	D	C				A	C	D	B	A	A	A
Trementina	A	D	A	D	D	D	D	B	B	B	A	B	B	A	A
Urina, Urea	A	A	A	A	D	A		C	B	B		B	C	A	A
Vernici (Usare Viton per Aromatici)	A	B	A	B	D	D		D	C	A	A		A	A	A

Chemical compatibility of materials with the indicated chemicals

Legend
A No effect - Recommended
B Minor efect - Good
C Moderate effect - Fair
D Severe effect - Not suitable

	PTFE	NBR	VITON	EPDM	CR (NEOPRENE)	VMQ (SILICON)	NORYL	GG25	GGG40	BRASS	BRONZE	ALUMINIUM-BRONZE	CARBON STEEL	AISI 304	AISI 316
Acetic Acid (Glacial)	A	D	C	B	C	B	B	D	D	C	C	C	D	B	A
Acetone	A	D	D	A	C	D	D	B	A	A	A	A	B	A	A
Acetylene	D	D	D	D	D	D		D	D	D	D	D	D	D	D
Alcohol, Benzyl	A	D	A	B	B	B	A	B	A	B	A		B	A	A
Alcohol, Ethylic	A	A	A	B	A	A	A	B	A	B	A	B	B	A	A
Alcohol, Methyl	A	B	B	A	A	A	A	B	A	B	A	B	B	A	A
Alcohol, Propyl	A	A	A	A	A	A	A	B	B	A	A	B	B	A	A
Amines	A	D	D	B	B	A		A	A	B			A	A	A
Ammonia (10%)	A	D	D	A	A	A	A	A	A	D	C	B	A	A	A
Ammonia, Anhydrous	A	B	D	A	A	A		B	D	D	A	B	C	B	A
Ammonia, Liquids	A	B	C	A	A	A	A	B	A	D		B	C	A	A
Aniline	A	D	C	B	D	B	D	B	B	D	C	C	C	A	A
Anti-Freeze	A	A	A	A	C	A	A		A					A	A
Aromatic Hydrocarbons	A	D	A	D	D	D	D	A	A	A	A	A	A	A	A
Benzene	A	D	A	D	D	D	D	B	B	B	A	A	A	A	A
Biogas	A	A	A	D	C	B	D	B	B	C	B	B	A	B	A
Bleach	A	C	A	B	B	D			D					A	A
Brine	A	A	A	B	C			D	C	B	B	A	C	B	A
Butane	A	A	A	D	B	A	D	A	C	A	A	A	A	A	A
Carbon Dioxyde	A	A	B	B	B	A	A	B	D	A	B		C	A	A
Carbonic Acid	A	B	A	A	A	A	A	D	D		C		D	A	B
Caustic soda (Hydrogen Hydroxide 20%)	A	A	C	A	B	A	A	B	A	A	B	D	B	A	A
Caustic soda (Hydrogen Hydroxide 50%)	A	D	D	A	C	A	A	B	B	A	B	D	B	A	B
Caustic soda (Hydrogen Hydroxide 80%)	A	D	D	C	C	A	A	B	C	B	B	D	B	A	C
Chlorine Anhydrous Liquid	A	D	A	B	D	D		C	C	D	C		C	D	D
Citric Acid	A	D	A	A	A	A	A	D	D	C	C	B	C	A	A
Crude oil, sour (S>1%)	A	C	A	D	C			C	C	C			B	A	A
Crude oil, sweet (S<1%)	A	C	A	D	C			C	B	B			B	A	A
Detergents	A	A	A	A	B	C		B	C	B				A	A
Diathermic Oil	A	A	A	D	B	B	D	B	B	B	B	A	A	A	A
Diesel Fuel	A	B	A	D	D	D	C	A	A	A	B		C	A	A
Dyes	A	D	A	D	C				A	C	D	B	A	A	A
Ethane	A	A	A	D	B	B	D	B	B	B	A	A	A	B	A
Fatty Acids	A	C	A	C	B	C	C	D	D	C	C	B	C	A	A
Fluorine	A	D	B	C	C	D			D		C		B	D	D
Formaldehyde	A	C	D	B	D	B	A	C	D	A	A	A	B	A	A
Formic Acid	A	D	C	A	D	B	A	D	D	B	B	B	B	A	B
Freon 11	A	C	B	D	D	C		C	C	B	A		A	A	A
Freon12 (Wet)	A	A	A	B	B	D		B		A	A		A	A	D
Freon 22	A	D	D	A	A	D		B		A	A		A	A	A
Freon 113	A	A	B	D	A	D		C		B	A		A	A	A
Freon T.F.	D	A	A	D	A	D		C		B	A		A	A	A
Fuel Oils	A	A	A	D	B	D	D	B	B	B	B		C	A	A
Gasoline	A	C	A	D	D	D	D	B	A	A	A	A	B	A	A
Glycerine	A	A	A	A	A	A	A	B	B	B	A	B	B	A	A
Glycol, Ethylene Glycol	A	A	A	A	A	A	A	B	B	B	B	A	B	A	A
Hexane	A	A	A	D	B	B	D	B	B	A	A	A	A	A	A
Hydraulic Oils (Petroleum)	A	A	A	D	B	B	D	B	A	B	B	B	A	A	A
Hydraulic Oils (Synthetic)	A	C	A	C	B	B	D	B	A	B	B	B	A	A	A
Hydrochloric Acid (20%)	A	C	A	A	C	C	D	D	D	D	C	A	D	D	D
Hydrochloric Acid (37% Cold)	A	D	B	C	D	C	D	D	D	D	C	B	D	D	D
Hydrochloric Acid (37% Hot)	A	C	A	C	C	C	D	D	D	D	C	A	D	D	D
Hydrofluoric Acid (20%)	A	D	A	A	C	D		D	D	D	C		D	D	D
Hydrofluoric Acid (75%)	A	D	A	C	C	D		D	D	D	C		D	D	D
Hydrofluoric Acid (100% Cold)	A	D	A	C	D	D		D	D	D	C		D	D	D
Hydrofluoric Acid (100% Hot)	A	D	B	D	D	D		D	D	D	C		D	D	D
Hydrogen Gas	A	A	A	B	A	C			B		A	D	D	A	A
Hydrogen Peroxide (10%)	A	A	B	A	B	A	A	B	A	A	B	D	B	A	A
Hydrogen Peroxide (30%)	A	D	C	A	C	A	A	B	B	A	B	D	B	A	B
Hydrogen Peroxide (50%)	A	D	C	C	C	A	A	B	C	B	B	D	B	A	D
Hydrogen Sulphide (Acqueous Solution)	A	C	D	A	B	C		D	D	D	C		D	A	A
Hydrogen Sulphide (Dry)	A		D	A	C	C		C	B	C	A		C	C	A
Jet Fuel (JP3, JP4, JP5)	A	A	A	D	D	D	D	B	A	A	B	A	A	A	A

Chemical compatibility of materials with the indicated chemicals

Legend
A No effect - Recommended
B Minor efect - Good
C Moderate effect - Fair
D Severe effect - Not suitable

	PTFE	NBR	VITON	EPDM	CR (NEOPRENE)	VMQ (SILICON)	NORYL	GG25	GGG40	BRASS	BRONZE	ALUMINIUM-BRONZE	CARBON STEEL	AISI 304	AISI 316
Kerosene	A	A	A	D	D	D	D	B	A	A	B	A	B	A	A
Ketones	A	D	D	D	D	D	D	A	A	A	B		A	A	A
Laquers	A	D	D	D	D	D		C	C	A	A		C	A	A
Laquer Thinner	A	D	D	A	D	D		C		A	A		C		A
Lubricants	A	A	A	D	D	B	D	A	A	B	B	B	A	A	A
Metalworking coolant, integral															
Metalworking coolant, water emulsion.															
Methane	A	A	A	D	B	B	D	B	B	B	A	A	A	B	A
Mineral Oil	A	A	A	D	B	B	D	B	A	B	B	B	A	A	A
Naphtha	A	B	A	D	D	D	D	B	B	B	B	A	B	A	A
Naphthalene	A	D	A	D	D	D	D	B	B	B	B	A	B	A	A
Nitric Acid (5-10% Solution)	A	D	A	B	D	D	A	D	D	D	C	D	C	A	A
Nitric Acid (20% Solution)	A	D	A	D	D	D	A	D	D	D	C	D	C	A	A
Nitric Acid (50% Solution)	A	D	A	D	D	D	A	D	D	D	C	D	C	A	A
Nitric Acid (Concentrated Solution)	A	D	B	D	D	C	C	D	D	D	C	D	C	D	B
Nitrous Acid	A	D	B	D	D	D	A	B	D	D	C	D	C	A	A
Olive Oil	A	A	A	A	B	B	D	B	A	C	B	B	B	A	A
Oleum (sulphuric acid 25%)	A	D	A	D	D	C		C	D	C	C	C	C	B	B
Palm Oil	A	A	A	B	D	A	D	C	C	B		B	C	A	A
Paraffin	A	A	A	D	C	A	C	B	B	A	A	A	B	A	A
Pentane	A	A	A	D	B	C	D	B	B	A	A	A	A	C	C
Phosphoric Acid (to 40% Solution)	A	D	A	B	D	D	A	D	D	D	C	D	C	B	A
Phosphoric Acid (to 40-100% Solution)	A	D	B	B	D	D	A	D	D	D	C	D	C	C	B
Phosphoric Acid (Crude)	A	D	A	B	D	D	A	C	D	D	D	D	C	D	C
Plating Solutions: Chromium Plating	A	D	C	A	D	D									C
Plating Solutions: Nickel Plating	A	A	A		A	D									C
Plating Solutions: Silver Plating	A	A	A	A	A	D									A
Potash	A	A	A	B	B	D	A		B	D		B		A	A
Potassium Bicarbonate	A	A	A	A	A	A	A	B	D	B	B	B	B	A	B
Potassium Hydroxide	A	B	D	A	A	C		C	C	D	B		B	B	B
Potassium Permanganate	A	A	A	A	A	D		B	B	B	B		B	A	B
Propane (Liquefied)	A	A	A	D	B	C	D	B	B	A	A	A	B	A	A
Propylene Glycol	A	A	A	A	C	A	A	B	B	B	A		B	B	A
Rape Seed Oil	A	B	A	A	D	A	D	B	B	B	B	B	B	A	A
Rust Inhibitors	A	A	A		C				A					A	A
Sea Water	A	A	A	A	B	A	A	D	D	C	B	A	D	A	A
Soap Solutions	A	A	A	A	B	A		B	B	A			A	A	A
Silicone Oil	A	A	A	A	A	D	A		A					A	A
Sodium Bicarbonate	A	A	A	A	A	A		C	C	B	B	A	C	A	A
Sodium Hydroxide (20%)	A	A	C	A	B	A	A	B	A	A	B	D	B	A	A
Sodium Hydroxide (50%)	A	D	D	A	C	A	A	B	B	A	B	D	B	A	B
Sodium Hydroxide (80%)	A	D	D	C	C	A	A	B	C	B	B	D	B	A	C
Sodium Hypochlorite (to 20%)	A	C	A	A	D	B		D	D	D	C	D	D	C	C
Sodium Hypochlorite	A	B	A	A	D	B		D	D	D	C	D	D	D	A
Sodium Peroxide	A	C	A	A	B	D		C	D	D	C		C	A	A
Sugar (Liquids)	A	A	A	C	B	A	A	C	B	A	A		D	A	A
Sulphur Dioxide	A	D	A	A	B	B	D		A	D	B		C	A	A
Sulphuric Acid (to 10%)	A	C	A	D	C	C	A	D	D	D	B	C	C	C	C
Sulphuric Acid (10-75%)	A	D	A	D	C	D	B	D	D	D	B	D	C	C	B
Sulphuric Acid (75-100%)	A	D	B	D	D	D	D	D	D	D	B	D	C	C	C
Sulphurous Acid	A	C	A	B	B	B		C	D	C	B	C	C	B	B
Tanning Liquors	A	C	A	B	A	B					B	A	C	A	A
Transformer Oil	A	A	A	D	B	B	D	B	B	B	B	A	A	A	A
Turpentine	A	D	A	D	D	D	D	B	B	B	A	B	B	A	A
Urine	A	A	A	A	D	A		C	B	B		B	C	A	A
Varnish (Use Viton for Aromatic)	A	B	A	B	D	D		D	C	A	A		A	A	A
Water Acid, Mine	A	A	C	A	B	D	A	D	C	D	C		D	A	A
Water and Chlorine (Swimming Pool)	A	B	A	A	C						A	A	A	A	A
Water, distilled, demineralized, de-ionized	A	A	A	A	B	A	A	D	D	A	A		D	A	A
Weed Killers	A	B	A		C									A	A
White Water (Paper Mill)	A		A		A									A	A