

COLEX INTERNATIONAL LIMITED : CHEMICAL RESISTANCE CHART

G = Good Resistance		F - Fair Resistance		L - Limited Resistance				P = Poor Resistance				* = Predicted Data								
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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Acetaldehyde 40% aq sol	C <sup>2</sup> H <sup>4</sup> O	P*	P*	G-L	P	G	P	G	G			L-P	P			G	G*			
Acetaldehyde 100% aq sol	C <sup>2</sup> H <sup>4</sup> O	P*	P*	L	P	G*	P*	G	G			L-P	P			G	G*			
Acetic Acid 10% aq sol	C <sup>2</sup> H <sup>4</sup> O <sup>2</sup>	G	L*	L	P	L	P	G	G	G	G	G	G	G		G	G*	G*		
Acetic Acid 60% aq sol	C <sup>2</sup> H <sup>4</sup> O <sup>2</sup>	G	L	L	P	P	P	G	G	G	G	G-L	G-L	L		G	G*	G*		
Acetic Acid glacial	-	P	P	L	P	L		P	P	G	G	G-L	G-L	P		G	G*	G	G*	
Acetic Anhydride	C <sup>4</sup> H <sup>6</sup> O <sup>3</sup>	P*	P*	F		F		P	P	P*	P	L	L-P			G	G*	G*		
Acetone traces	C <sup>3</sup> H <sup>6</sup> O	P	P	G	L	G	L	L	P	G	G	L-P	P	P	P	G	G*			
Acetone 100%	C <sup>3</sup> H <sup>6</sup> O	P	P	G-L	L-P	G		L	P	G	G	L-P	P			G	G*	G*		
Acetonitrile	C <sup>2</sup> H <sup>3</sup> N		P*																	
Acetophenone	C <sup>8</sup> H <sup>8</sup> O	P*	P*																	
Acetylene Gas	C <sup>2</sup> H <sup>2</sup>	G		G	G	G	G							G-L		G	G*			
Adipic Acid	C <sup>6</sup> H <sup>10</sup> O <sup>4</sup>	G						G				G	G			G	G*			
Alcohol Allyl	C <sup>3</sup> H <sup>6</sup> O	P*	P*			L	P					G	G							
Alcohol Amyl	C <sup>5</sup> H <sup>11</sup> OH	G		G	G*	G	G*	G	G	G	G	G	G-L	L		G	G*	G	G*	
Benzyl Alcohol	C <sup>7</sup> H <sup>8</sup> O	P*	P*	L	P	P*						L-P	P	P	P					
Butyl Alcohol	C <sup>7</sup> H <sup>12</sup> O <sup>2</sup>	F		G*	G*	G	G*	G	G	G	G	G	G-L			G	G*	G	F*	
Cetyl Alcohol	C <sup>16</sup> H <sup>34</sup> O	G*	G*			G*						P	P							
Dodecyl Alcohol	C <sup>12</sup> H <sup>26</sup> O	G*	G*			G*														
Ethyl Alcohol 40%aq sol	C <sup>2</sup> H <sup>6</sup> O	G		L-P	P	G*		G	P	G	G	G	G							
Ethyl Alcohol 100%aq sol	C <sup>2</sup> H <sup>6</sup> O	G*				G*		P	P	G	L	G-L	G-L							
Hexyl Alcohol	C <sup>6</sup> H <sup>14</sup> O	G*				G*														
Isopropyl Alcohol	C <sup>3</sup> H <sup>8</sup> O	G				L*				G	G	G	G							
Lauryl Alcohol	C <sup>12</sup> H <sup>26</sup> O	G*	G			G*														
Methyl Alcohol 6% aqsol	CH <sup>4</sup> O	G	G	L-P	P	G-L*		G		G	G	G	G							
Methyl Alcohol 100% aqsol	CH <sup>4</sup> O	L		L-P	P	L*		L	P	G	G	G-L	L-P							
Nonyl Alcohol	C <sup>9</sup> H <sup>20</sup> O	G*				G*														
Octyl Alcohol	C <sup>8</sup> H <sup>18</sup>	G*				G*		G												
Propargyl Alcohol	C <sup>3</sup> H <sup>4</sup> O	G				G*						G	G							
Aliphatic Hydrocarbons	C <sup>3</sup> H <sup>7</sup> NO <sup>2</sup>																			
Allyl Chloride	C <sup>3</sup> H <sup>5</sup> Cl	P*	P*			L*						L	P							
Alum	-	G	G	G		G		G	G	G	G	G	G			G	G*	P	P	
Aluminum Acetate	AlF <sup>3</sup>	G*				G*				G*	G*	G	G							
Aluminum Chloride	AlCl <sup>3</sup>	G		G		G		G	G	G*	G*	G	G	G-L		G	G*	F	L	
Aluminum Fluoride	AlCl <sup>3</sup>	G		G		G*		G		G*	G*	G	G			G	G*			
Aluminum hydroxide	Al(HO) <sup>3</sup>	G*		G*		G		G	G*	G*	G*	G	G			G	G*			
Aluminum nitrate	Al(NO <sup>3</sup> ) <sup>3</sup>	G*	G*	G*		G		G	G*	G*	G*					G	G*			
Aluminium Oxolate	AlF <sup>3</sup>	G*	G*			G*				G*	G*	G	G							

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Aluminum Oxychloride	Al <sup>2</sup> O <sup>3</sup>	G*				G*				G*	G*										
Aluminum Potassium	Al <sup>2</sup> O <sup>3</sup>	G	G	P		P		G		G*	G*					G	G*				
Aluminum Sulphate	Al <sup>2</sup> (SO <sup>4</sup> ) <sup>3</sup>	G		G	G*	G		G	G	G*	G*	G	G	G-L*		G	G*	G			
Ammonia 0.88S.G.aqsol	NH <sup>3</sup>	L-P	P	G	G	G		L	L	G	G	G	G	G							
Ammonia anhydrous gas	NH <sup>3</sup>	F		G*	G*	G	G*	F	F	F*		G*	G*	P		G	G*	P	P		
Ammonia anhydrous liq	NH <sup>3</sup>	F	F	G	G	G		F	L	G*	G*	G*	G*			G	G*				
Ammonium Bicarbonate	NH <sup>4</sup> HCO <sup>3</sup>	G*		G*		G		F		F*		G	G	P		G	G*				
Ammonium Bifluoride	NH <sup>4</sup> HF <sup>2</sup>	G*		G*		G*		G		G*						G	G*				
Ammonium Carbonate	(NH <sup>4</sup> ) <sup>2</sup> CO <sup>3</sup>	G		G*	G*	G	G*	G		G*		G	G	P		G	G*				
Ammonium Chloride	(NH <sup>4</sup> )Cl	G		G*	G*	G	G*	G	G	G	G	G	G	G-L	G-L	G	G*	G	G*		
Ammonium Fluoride 20%	(NH <sup>4</sup> )F	G*				G*															
Ammonium Hydrosulfide	H <sup>5</sup> NS	G*				G*						G	G								
Ammonium Hydroxide	NH <sup>3</sup> + H <sup>2</sup> O	G		G*	G*	G	G*	G	G*	G*	G*	G	G	P		G	G*	F	L*		
Ammonium	NH <sup>4</sup>	G*	G*			G*						G	G								
Ammonium Nitrate	(NH <sup>4</sup> )NO <sup>3</sup>	G*	G*	G*	G*	G	G*	G	G*	G*	G*	G	G	P		G	G*	G	F*		
Ammonium Oxalate	C <sup>2</sup> H <sup>8</sup> N <sup>2</sup> O <sup>4</sup>	G				G*						G	G								
Ammonium persulphate	(NH <sup>4</sup> ) <sup>2</sup> S <sup>2</sup> O <sup>8</sup>	G		P*	P*	P	P	G	G*	G*	G*	G	G			G	G*				
Ammonium Phosphate	(NH <sup>4</sup> ) <sup>3</sup> PO <sup>4</sup>	G		G	G*	G	F	G-F	F*	G-F*	G-F*	G	G			G	G*	F			
Ammonium Sulphate	(NH <sup>4</sup> ) <sup>2</sup> SO <sup>4</sup>	G		G*	L*	G	L*	G	G	G	G	G	G	G		G	G*	G	G*		
Ammonium Sulphide	(NH <sup>4</sup> ) <sup>2</sup> S	G	P	G*	G*	G	G*	G	G*	G*	G*	G	G			G	G*				
Ammonium Thiocyanate	NH <sup>4</sup> SCN	G*	G*			G*						G	G								
Amyl Acetate	C <sup>7</sup> H <sup>14</sup> O <sup>2</sup>	P		G*	G	G		P	P			P	P	P		G	G*	F			
Amyl Alcohol	C <sup>5</sup> H <sup>11</sup> OH	L*		G*	G-F*	G	G-F*	G	P	G	P	G*	P*	L		G	G*	G	G*		
Amyl Chloride	C <sup>5</sup> H <sup>11</sup> Cl	P*		F*	L*	F	L*	P	P	P*	P*	P*	P*			G	G*				
Anethole	C <sup>10</sup> H <sup>12</sup> O			G		G		P	P												
Aniline	C <sup>6</sup> H <sup>7</sup> N	P		G*	F*	G	F*	F	F*	G	F*	L	P	P	P	G	G*	P	P		
Aniline Hydrochloride	C <sup>6</sup> H <sup>8</sup> ClN	F		P	P	P	P	P	P	P*	P*	L	P	L-P*	P*	G	G*				
Aniline Sulphate	C <sup>6</sup> H <sup>3</sup> ClN <sup>6</sup>	G*				L-P*						L	P	L-P*	P*						
Animal Oils	—	G*	P	G	G	G		L	P	G	L	L	P	G-L							
Anthraquinone	C <sup>14</sup> H <sup>8</sup> O <sup>2</sup>																				
Anthraquinone Sulphonic Acid	C <sup>7</sup> H <sup>8</sup> O																				
Antimony Chloride	SbCl	G*	G*									G	G								
Antimony Trichloride	SbCl <sup>3</sup>	G*	G*									G	G								
Aqua Regia dilute	—					P						P	P								
Aqua Regia concentrated	—	F		P	P	P	P	F	F*	F*	F*	P	P	P		G	G*				
Arcton 6 (Refrigerant)	CCl <sup>2</sup> F <sup>2</sup>																				
Arcton 11 (Refrigerant)	CCl <sup>3</sup> F													L*							

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 (Summary only, please refer to Forewords A and B for full guide to Key.)

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		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Arcton 12 (Refrigerant)	CCl <sub>2</sub> F <sub>2</sub>	P		G		G									L*					
Arcton 22 (Refrigerant)	CHClF <sub>2</sub>			G		G									L*					
Arcton 113 (Refrigerant)	C <sup>2</sup> Cl <sup>3</sup> F <sup>3</sup>			P	P	P	P								P*					
Arcton 114 (Refrigerant)	C <sup>2</sup> Cl <sup>2</sup> F <sup>4</sup>																			
Arsenic Acid concentrated	H <sup>3</sup> AsO <sup>4</sup>	G	L			P						G	G							
Arysulphonic Acid	As <sup>2</sup> O <sup>5</sup>		P*																	
Barium Carbonate	BaCO <sup>3</sup>	G		G*	G*	G	G*	G	G*	G*	G*	G	G			G	G*			
Barium Chloride	BaCl <sup>2</sup>	G*		G*	G*	G	G*	G	G	G*	G*	G	G	G	G*	G	G*	G	G*	
Barium Hydroxide	Ba(OH) <sup>2</sup>	G		G*		G		G*	G*	G*	G*	G	G	F		G	G*	G	G*	
Barium Sulphate	BaS	G		G*	G*	G	G*	G	G*	G*	G*	G	G	G	F*	G	G*	P	P	
Barium Sulphide	BaS	G		G*	G*	G	G*	G	G*	G*	G*	G	G	G		G	G*			
Beer	—	G		G		G		G		G		G		G		G		G		
Benzaldehyde traces	C <sup>7</sup> H <sup>6</sup> O	P*		F*	F*	F	F*	P	P	G	L-P	L	P	P		G	G*	G	F*	
Benzaldehyde 100%	C <sup>7</sup> H <sup>6</sup> O	P*		F*	F*	F	F*	P	P	G	L-P	L	P	P		G	G*	G	F*	
Benzene	C <sup>6</sup> H <sup>6</sup>	F-L		G	G*	G	G	F	P	F*	P*	P	P	L-P	P	G	G*	F		
Benzoic Acid	C <sup>7</sup> H <sup>6</sup> O <sup>2</sup>	G		P	P	P	P	G	G*	G*	G*	L	L			G	G*	P	P	
Benzyl Alcohol	C <sup>7</sup> H <sup>8</sup> O	P*		L	P	L	P	P	P			P*	P*			G*	G*			
Benzyl Chloride	C <sup>7</sup> H <sup>7</sup> Cl	G		G*	G*	G	G*							P		G	G*			
Borax	—	G*		G*	G*	G	G*	G	G*	G*	G*	G	G	G		G	G*	G	G*	
Boric Acid	H <sup>3</sup> BO <sup>3</sup>	G		G*	F*	G	F*	G	G*	G*	G*	G	G	G		G	G*	G	G*	
Brine	—	G	G			G		G	G	G	G	G	G	G	G					
Bromine traces - gas	Br <sup>2</sup>	L		P		P		P	P	P	P	P	P	P		G	G*	P	P	
Bromine 100% dry gas	Br <sup>2</sup>	L		P		P		P	P	P	P	P	P	P		G	G*	P	P	
Bromine liquid	Br <sup>2</sup>	P		P	P	P	P	P	P	P	P	P	P	P		G	G*	P	P	
Butadiene	C <sup>4</sup> H <sup>6</sup>	F		F*		F		P	P	P*	P*	G*	G*			G	G*			
Butane Gas	C <sup>4</sup> H <sup>10</sup>	F		G*	G*	G	G*	F	F*	F*	F*	G	G	G-F		G	G*	G*		
Butanediol	C <sup>4</sup> H <sup>10</sup> O <sup>2</sup>	P*	P*									G	G							
Butyl Acetate	C <sup>6</sup> H <sup>12</sup> O <sup>2</sup>	P*	P*	G	G	G				G	L			P	P					
Butyl Alcohol (Butanol)	C <sup>7</sup> H <sup>12</sup> O <sup>2</sup>	F		G*	G*	G	G*	G	G	G	G	G	G-L			G	G*	G	F*	
Butyric Acid 20% aq sol	C <sup>4</sup> H <sup>8</sup> O <sup>2</sup>	G		F*	F*	F	F*	P	P	P	P	L-P	L-P			G	G*	G	G*	
Butyric Acid concentrated	C <sup>4</sup> H <sup>8</sup> O <sup>2</sup>	P*	P*			G		P		P		L-P	L-P			G	G*			
Calcium Arsenate	Ca <sup>3</sup> As <sup>2</sup> O <sup>8</sup>			G	G	G	G													
Calcium Bisulphite	CaH <sup>2</sup> O <sup>6</sup> S <sup>2</sup>	G	G	G*	G*	G	G*	G	G*	G*	G*	G	G	G		G	G*			
Calcium Carbonate	CaCO <sup>3</sup>	G		G*	G*	G	G*	G	G*	G*	G*	G	G			G	G*			
Calcium Chlorate	Ca(ClO <sup>3</sup> ) <sup>2</sup>	G										G	G	G-L		G	G*			
Calcium Chloride aq sol	CaCl <sup>2</sup>	G		G*	G*	G	G*	G	G	G*	G*	G	G	G		G	G*	G		
Calcium Hydroxide	Ca(OH) <sup>2</sup>	G		G*	G*	G	G*	G	G	G*	G*	G	G	L*		G	G*	G		

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		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Calcium Hypochlorite dilUTE	Ca(ClO) <sup>2</sup>	G		P*	P*	P	P	G	G*	G*	G*	G	G	P		G	G*	F		
Calcium Nitrate	Ca(NO <sup>3</sup> ) <sup>2</sup>	G		G*	G*	G	G*	G	G*	G*	G*	G	G	G		G	G*			
Calcium Phosphate	Ca <sup>3</sup> (PO <sup>4</sup> ) <sup>2</sup>	G*										G	G			G				
Calcium Sulphate	CaSO <sup>4</sup>	G		P*	P*	P	P	G	G*	G*	G*	G	G			G	G*			
Carbolic Acid (phenol)	C <sup>6</sup> H <sup>6</sup> O	P		P	P	P	P	P	P	P	P	P*	P*	P	P	G	G*	P		
Carbon Dioxide	CO <sup>2</sup>	G*		G*	G*	G	G	G	G	G	G	G	G	G	G	G	G*	G	G	
Carbon Disulphide	CS <sup>2</sup>	P	P	G-L	L	G	P	F		F*		P	P	L-P		G	G*			
Carbonic Acid	H <sup>2</sup> CO <sup>3</sup>	G		G*	G*	G	G*	G	G*	G*	G*	G	G	G		G	G*	P		
Carbon Monoxide	CO	G*		G*	G*	G	G*	G	G*	G*	G*	G	G			G	G*	G	G*	
Carbon Tetrachloride	CCl <sup>4</sup>	P		P*	P*	P	P	P	P	L	P	P	P	P		G	G*	P		
Casein	—	G	G*																	
Castor Oil	—	G		G*	G*	G	G*	G	G*	G*	G*	L-P	P	G*	G*	G	G*	G	G*	
Chloracetic Acid	C <sup>2</sup> H <sup>3</sup> ClO <sup>2</sup>	L		P*	P*	P	P									G	G*	P		
Chloral Hydrate	C <sup>2</sup> H <sup>3</sup> Cl <sup>3</sup> O <sup>2</sup>	P*	P*									L-P	P							
Chloric Acid	HClO <sup>3</sup>			P*	P*	P	P									G	G*			
Chlorine 10% dry gas	Cl <sup>2</sup>	P		P		L-P		L-P	P	P	P	P	P	P		G	G*	P		
Chlorine 100% dry gas	Cl <sup>2</sup>	P		P		L-P		L-P	P	P	P	P	P	P						
Chlorine 10% moist gas	Cl <sup>2</sup>	P		P		L-P		P	P	L	P	P	P	P		G	G*			
Chlorine Trifluoride	ClF <sup>3</sup>	P*	P*																	
Chlorine water sat sol	Cl <sup>2</sup> x H <sup>2</sup> O	L				L-P		G	G	P	P	G-L	L-P	P		G	G*			
Chlorine water 2 % sol	Cl <sup>2</sup> x H <sup>2</sup> O	G		G*	G*	G	G*	G	G*	G*	G*					G	G*	G		
Chlorobenzene	C <sup>6</sup> H <sup>5</sup> Cl	P		P*	P*	P	P	F	P	F*	P*	P	P	P	P	G	G*	P		
Chloroform	CHCl <sup>3</sup>	P*	P*	G*	G*	G	G*	F	L-P	F*	L-P*	P	P	P	P	G	G*	P		
Chlorosulphonic Acid	ClHSO <sup>3</sup>	P*		P*	P*	P	P	P	P	P	P	P	P	P		G	G*	P		
Chrome Alum	CClF <sup>3</sup>	G*				G-L*				G*	G*	G	G							
Chromic Acid (plating sol)	H <sup>2</sup> CrO <sup>4</sup>	L		P	P	P		P	P	P	P	G	G	P		G	G*	P		
Cider	—	G		G		G		G		G		G		G		G		G		
Citric Acid	C <sup>6</sup> H <sup>8</sup> O <sup>7</sup>	G		G*	G*	G	G*	P	P	P	P	G	G	P		G	G*	G	F*	
Coal Gas	—	P		G		G														
Copper Chloride	CuCl	G		P*	P*	P	P	G	G	G*	G*	G	G			G	G*	G	F*	
Copper Cyanide	CuCN	G		P	P	P	P	G	G	G*	G*	G	G	G	F*	G	G*			
Copper Fluoride	CuF	G*				F-L*				G*	G*	G	G							
Copper Nitrate	Cu(NO <sup>3</sup> ) <sup>2</sup>	G		P	P	P	P	G	G	G*	G*	G	G			G	G*			
Copper Sulphate Solution	CuSO <sup>4</sup>	G		L-P	L-P	L-P	L-P	G	G	G*	G*	G	G	G		G	G*	F		
Creosote	CH <sup>8</sup>	F-L		P*	P*	P	P*	L		L		P	P	P		G	G*	P		
Cresols	C <sup>7</sup> H <sup>8</sup> O	P		P	P	P	P	F-L	F-L	F-L	F-L	P	P	P				P		
Cresylic Acids	CH <sup>3</sup> C <sup>9</sup> H <sup>4</sup> OH	P		P	P	P	P	G	G*	G*	G*	P	P	P		G	G*			

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Crude Oil	—	L		G	G	G	G	P	P			P	P	G-L*	G-L*	G	G*				
Cupric Chloride	CuCl <sup>2</sup>	G	G									G	G								
Cupric Fluoride	CuF <sup>2</sup>	G*										G*	G*								
Cupric Nitrate	Cu(NO <sup>3</sup> ) <sup>2</sup>	G*	G*									G	G								
Cupric Sulphate	Cu(NO <sup>3</sup> ) <sup>2</sup>	G	G									G	G								
Cyanide	—	G	G*					G	G			G*	G*	G-L*							
Cyclohexane	C <sup>6</sup> H <sup>12</sup>	P		G	L	G	L	G	F*	G*		P	P	P*		G	G*	G	F*		
Cyclohexanol	C <sup>6</sup> H <sup>12</sup> O	P		G	L*	G	L	G*	G*	G*	G*	G-L	L-P	L-P		G	G*				
Cyclohexanone	C <sup>6</sup> H <sup>10</sup> O	P		G*	F*	G	F*	P	P	L	L	G-L	L-P	L-P		G	G*				
DDT Preparation	C <sup>14</sup> H <sup>9</sup> Cl <sup>5</sup>			G		G															
Decalin	C <sup>10</sup> H <sup>18</sup>			G	G	G	G														
Detergents Alkaline	C <sup>15</sup> H <sup>10</sup> N <sup>2</sup> O <sup>2</sup>	G						G*	G*			G*	G*								
Detergent (synthetic) all concentrations.	C <sup>15</sup> H <sup>10</sup> N <sup>2</sup> O <sup>2</sup>	G*				G		G	L-P	G	G	G	G								
Developers, photographic	—	G*	G*					G	G	G*	G*	G	G								
Dextrin (Starch gum)	(C <sup>6</sup> H <sup>10</sup> O <sup>5</sup> ) <sub>n</sub>	G*	G*									G	G								
Dextrose	C <sup>6</sup> H <sup>12</sup> O <sup>6</sup>	G*	G*									G	G								
Diacetone Alcohol	C <sup>6</sup> H <sup>12</sup> O <sup>2</sup>	P		G*	L*	G	L	G	G*	G*	G*					G	G*	L			
Diammonium Phosphate	H <sup>9</sup> N <sup>2</sup> O <sup>4</sup> P			G	L	G	L														
Dibutyl Phthalate	C <sup>16</sup> Br <sup>22</sup> O <sup>4</sup>	P		G*	G*	G	G*	L	L			L	P	L		G	G*	G	L*		
Dichloroethane	C <sup>4</sup> H <sup>4</sup> Cl <sup>2</sup>	P		G*	G*	G	G*	F	L*	F	F*					G	G*				
Dichlorethylene	C <sup>8</sup> H <sup>19</sup> N	P		G*	G*	G	G*	F	L*	F	F*					G	G*	P			
Dichlorobenzene	C <sup>6</sup> H <sup>4</sup> Cl <sup>2</sup>	P*	P*									P	P								
Dichloro Methane	CH <sup>2</sup> Cl <sup>2</sup>	P	P	L		L															
Diethylene Glycol	C <sup>4</sup> H <sup>10</sup> O <sup>3</sup>	F		G*	G*	G	G*	G	F*	G	F*	G	G			G	G*	G			
Diethyl Ether	C <sup>4</sup> H <sup>11</sup> NO <sup>2</sup>	P		G*	G*	G	G	P	P	P	P	P	P	G		G	G*	F			
Diisocyanate	C <sup>6</sup> H <sup>10</sup>	P	P	G*		G*															
Dimethylcarbinol	C <sup>3</sup> H <sup>8</sup> O	G																			
Dimethyl Formamide	C <sup>3</sup> D <sup>7</sup> NO	P		G*	G*	G	G*	G	G*	G*	G*				P*		G	G*	G	F*	
Dimethyl Sulphoxide	C <sup>2</sup> H <sup>6</sup> OS	P		F*	F*	G	F*										G	G*			
Diocetyl Phthalate	C <sup>24</sup> H <sup>38</sup> O <sup>4</sup>	P		G	G	G	G					L-P	P			G	G*	G	F*		
Diocetyl Phosphate	C <sup>16</sup> H <sup>35</sup> O <sup>4</sup> P	L*	P*	G	G	G	G	L	P			L*	P*	L*							
Dioxane	C <sup>4</sup> H <sup>8</sup> O <sup>2</sup>	P	P			G	G	L	P	G	G	L*	P*	L							
Disodium Phosphate	Na <sup>2</sup> O <sup>4</sup> P	G	G					G	G*			G	G								
Diesel Oil	—	F		G	G	G	G	F	L*	F	L*	L*	P*	G	G	G	G*	F			
Emulsifiers all concs.	—	G*	G*									G	G								
Emulsions, photographic	—	G*	G*									G	G								

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Ethane	C <sup>2</sup> H <sup>6</sup>	G		P	P	P	P							F		G	G*			
Ethyl Acetate	C <sup>4</sup> H <sup>8</sup> O <sup>2</sup>	P		G*	G*	G	G*	F	F*	G*	F*	L-P	P	P	P	G	G*	F	P*	
Ethyl Alcohol (Ethanol)	C <sup>2</sup> H <sup>6</sup> O	G		L-P*	L-P*	L-P	L-P									G	G*	G		
Ethyl Alcohol 20% aq sol	C <sup>2</sup> H <sup>6</sup> O	G	L-P*	G-L	P	G-L	P	G	P			G	G	L	P					
Ethyl Alcohol 40% aq sol	C <sup>2</sup> H <sup>6</sup> O	L	L-P*	P	P	P	P	G	P			G	G							
Ethyl Alcohol 100% aq sol	C <sup>2</sup> H <sup>6</sup> O	P	P	P	P	P	P	P	P			G	G			G	G*			
Ethyl Butryate	C <sup>9</sup> H <sup>10</sup> O <sup>2</sup>	P		G*	G*	G	G*					L-P	P			G	G*			
Ethyl Chloride	C <sup>2</sup> H <sup>5</sup> Cl	P		G*	G*	G	G*			L	P	P	P	L-P		G	G*			
Ethyl Ether	C <sup>5</sup> H <sup>7</sup> NO <sup>2</sup>	P		G*		G	L*	P	P			P	P	L		G	G*			
Ethyl Formate	C <sup>3</sup> H <sup>6</sup> O <sup>2</sup>	P*	P*									L-P	P							
Ethyl Sulphate	C <sup>2</sup> H <sup>5</sup> O <sup>4</sup> S			G*	G*	G	G*									G	G*			
Ethylene Bromide	C <sup>2</sup> H <sup>4</sup> Br <sup>2</sup>	P						P	P	P	P					G	G*			
Ethylene Chlorhydrin	C <sup>2</sup> H <sup>5</sup> ClO	P	P	P	P	P	P	P	P	P	P					G	G*			
Ethylene Chloride	C <sup>2</sup> H <sup>4</sup> Cl <sup>2</sup>	P		G*	F*	G	F*	P	P	L	P	P	P	L		G	G*			
Ethylene Dibromide	C <sup>2</sup> H <sup>4</sup> Br <sup>2</sup>	P		G*	L*	G	L*							P		G	G*			
Ethylene Dichloride	C <sup>2</sup> H <sup>4</sup> Cl <sup>2</sup>	P		G*	F*	G	F*	P	P	P	P	P	P			G	G*	F-L		
Ethylene Glycol	C <sup>2</sup> H <sup>6</sup> O <sup>2</sup>	G		G*	F*	G	F*	G	G	G*	G*	G	G	L*		G	G*	G	F*	
Ethylene Oxide	C <sup>2</sup> H <sup>4</sup> O	P		G*	F*	G	F*	G	G*	G*	G*	P	P	P		G	G*	G	F*	
Fatty Acids	—	G		G*	G*	G	G*	P	P	P	P					G	G*			
Ferric Chloride	FeCl <sup>3</sup>	G		G*	G*	G	G*	G	G	G*	G*	G	G	G	F*	G	G*	G-F		
Ferric Nitrate	Fe(NO <sup>3</sup> ) <sup>3</sup>	G		G*	G*	G*	G*	G	G	G*	G*	G	G	G		G	G*			
Ferric Sulphate	Fe <sup>2</sup> (SO <sup>4</sup> ) <sup>3</sup>	G		G*	G*	G	G*	G	G*	G*	G*	G	G	G		G	G*	G		
Ferrous Ammonium	Fe <sup>2</sup> (SO <sup>4</sup> ) <sup>3</sup>	G*	G*							G*	G*	G	G							
Ferrous Chloride	FeCl <sup>2</sup>	G		P	P	P	P	G	G	G*	G*	G	G	G-L		G	G*	G		
Ferrous Sulphate	FeSO <sup>4</sup>	G		P	P	P	P	G	G	G*	G*	G	G			G	G*	G		
Fixing Solution,	—	G*	G*					G	G			G	G							
Photographic	—																			
Flavours and Essences	—			G	G	G	G	G*				G*		G*						
Fluorine	F <sup>2</sup>	P		P	P	P	P	P	P	L	P	P	P			P	P			
Fluosilic Acid 40% aq sol	H <sup>2</sup> SiF <sup>6</sup>	L		P	P	P	P	G	G*	G*	G*	G	G			G	G*	F		
Formaldehyde 40%aq sol	CH <sup>2</sup> O	G		G*	F*	G	F*	P	P	P	P	G	L	L		G	G*	G	F*	
Formic Acid 3% aq sol	CH <sup>2</sup> O <sup>2</sup>	G	G	P	P	P	P	G	G	G	G	G	G	P	P					
Formic Acid 10% aq sol	CH <sup>2</sup> O <sup>2</sup>	G	G	P	P	P	P	G	G	G	G	G	G	P	P	G	G*	G		
Formic Acid 25% aq sol	CH <sup>2</sup> O <sup>2</sup>	L	P	P	P	P	P	G	G	G	G	G	G	P	P					
Formic Acid 50% aq sol	CH <sup>2</sup> O <sup>2</sup>	L	P*	P	P	P	P	G	G	G	G	G	G-L	P	P					
Formic Acid 100% aq sol	CH <sup>2</sup> O <sup>2</sup>	P		P	P	P	P	P	P	P	P	G	G-L	P	P	G	G*	L		
French Polish		P	P	G-L*		G-L*		G*				G*		L*	P*					

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Freon 11 (Refrigerant)	CCl <sup>3</sup> F	G		P	P	P	P	F	F*	F*	F*			L*		G	G*	G			
Freon 12 (Refrigerant)	CCl <sup>2</sup> F <sup>2</sup>	G		G*	F*	G	F*	G	G*	G*	G*			L		G	G*	G			
Freon 22 (Refrigerant)	CHClF <sup>2</sup>	G		G*	F*	G	F*							L		G	G*				
Freon 113 (Refrigerant)	C <sup>2</sup> Cl <sup>3</sup> F <sup>3</sup>	F		G	L	G	L							G		G	G*	G	F*		
Freon 114 (Refrigerant)	C <sup>2</sup> Cl <sup>2</sup> F <sup>4</sup>			G	L	G	L									G	G*	G			
Fructose	C <sup>6</sup> H <sup>12</sup> O <sup>6</sup>	G*	G*	G	G					G*		G	G								
Fruit Pulp/Juices	—	G		G	G	G		G-L	G-L	G	G	G	G	G*		G	G*				
Fuel oil	—	G		G	G	G	G-L	F	F*	F*	F*	L*	P*	G	L*	G	G*	F			
Furfural	C <sup>5</sup> H <sup>4</sup> O <sup>2</sup>	P		G*	F*	G	F*	P	P	P	P	P	P			G	G*	G	F*		
Gallic Acid	C <sup>7</sup> H <sup>6</sup> O <sup>5</sup>	G		G*	G*	G	G*	G	F*	G	F*	G	G	P		G	F*	P			
Gas Oil	—	G-L	P*	G	L	G	L	L*	P*			L*	P*	G-L*							
Gaz (liquefied petroleum)	C <sup>5</sup> H <sup>12</sup> - C <sup>12</sup> H <sup>26</sup>	P	P																		
Glucose	C <sup>6</sup> H <sup>12</sup> O <sup>6</sup>	G		G*	G*	G	G*	G	F*	G*	F*	G	G			G	G*	G			
Glycerine	C <sup>3</sup> H <sup>5</sup> (OH) <sup>3</sup>	G		G*	L*	G	L	G	G	G	G	G	G	F*		G	G*	G	G*		
Glycolic Acid 30% aq sol	C <sup>2</sup> H <sup>4</sup> O <sup>3</sup>	G						G	G*	G*	G*	G	G			G	G*				
Grape Sugar	—	G		G*	G*	G	G*	G	G	G*	G*	G	G	G*		G	G*				
Greases General	—			G	G	G	G	L*	P*			L*	P*	G-L*							
Mineral	—	L	P	G	G	G	G	L*	P*			L*	P*	G	G*						
Ground Nut Oil	—	P	P	G*	G*	G*	G*	L	P			L*	P*	G*	G*						
Heptane	C <sup>7</sup> H <sup>16</sup>	L		G*	G*	G	G*	G	P	G*	L*	P	P	G*		G	G*	F			
Hexadecanol	C <sup>16</sup> H <sup>34</sup> O	G*	G*									P	P								
Hexane	C <sup>6</sup> H <sup>14</sup>	L		G*	F*	G	F*	P	P	L	P			G*		G	G*	G	F*		
Hydrazine	N <sup>2</sup> H <sup>4</sup>	P												P		G	G*	F	L		
Hydrobromic Acid	HBr	G		P	P	P	P	G	F*	G*	F*					G	G*				
Hydrobromic Acid 50% aq sol	HBr	G	G					G	G			L	P								
Hydrobromic Acid 100% aq sol	HBr	G*	G*					G	G			P	P								
Hydrochloric acid 10% aq sol	HCl	G	G	G-L	P	P		G	G	G	G	G	G	L-P							
<b>Hydrochloric acid</b>	HCl	G	G	P	P	P		G	G			G	G	P							
Hydrochloric acid concentrated	HCl	G	L	P	P	P		G	G			L	L	P							
Hydrocyanic Acid	HCN																				
Hydrocyanic Acid 10% aq sol	HCN							G	G			G	G								
Hydrofluoric Acid	HF																				
Hydrofluoric Acid 4% aq sol	HF	G	G					G	G			G	G	L-P							
Hydrofluoric Acid 40% aq sol	HF	G						G	G			G	G	P							
Hydrofluoric Acid 60% aq sol	HF	P	P					G	G-L			G	G	P							
Hydrofluoric Acid concentrated	HF	P	P					G	L			G	G	P							
Hydro Fluosilicic Acid	N <sup>2</sup> H <sup>6</sup> O	P		P	P	P	P	G	G*	G*	G*	G	G	P		G	G*	F			

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrel		Notes
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Hydrogen	H <sup>2</sup>	G*	G*	G	G	G	G	L	L			G	G	G	G*					
Hydrogen Bromide	HBr	G*										G*	G*							
Hydrogen Bromide (Anhydrous)	HBr																			
Hydrogen Chloride	HCl	G*				P*						G	G							
Hydrogen Chloride (Anhydrous)	HCl																			
Hydrogen Fluoride	HF	G*				P*														
Hydrogen Fluoride (Anhydrous)	HF																			
Hydrogen Peroxide	H <sup>2</sup> O <sup>2</sup>																			
Hydrogen Peroxide 3% (10 vol)	H <sup>2</sup> O <sup>2</sup>	G		G-L	P	L-P		G	L			G	G	G						
Hydrogen Peroxide 12% (40 vol)	H <sup>2</sup> O <sup>2</sup>	G		L-P	P	L-P		G	L			G	G							
Hydrogen Peroxide 30% (100 vol)	H <sup>2</sup> O <sup>2</sup>	G				P		G	L-P			G	L							
Hydrogen Peroxide 90% and above	H <sup>2</sup> O <sup>2</sup>	G				P		G	P			G	L							
Hydrogen Phosphide	H <sup>3</sup> P	G*	G*									G	G							
Hydrogen Sulphide < 5%	H <sup>2</sup> S	G				G		L-P	L-P			G	G							
Hydrogen Sulphide gaseous	H <sup>2</sup> S																			
Hydroquinone	C <sup>6</sup> H <sup>6</sup> O <sup>2</sup>	G		G*				G	G			G	G							
Hydroxylamine Sulphate	H <sup>8</sup> N <sup>2</sup> SO <sup>6</sup>																			
Hypochlorous Acid	HClO	L	P*									L	P							
Industrial Methylated spirit	—	P*	P*	G-L*	P*	G-L*	P*	L	P			L*	P*	L	P*					
Iodine, Tincture of	—	L-P*												L-P*	P*					
Iodine solution in	—	P*	P*			P*		L-P	P	P*		L-P	P	P						
Potassium Iodine	KI																			
Isocyanate	NCO	P	P	G*		G*		P*	P*			P*	P*							
Isophorone	C <sup>9</sup> H <sup>14</sup> O	P*	P*																	
Iso Propyl Alcohol	CH <sub>3</sub> <sup>3</sup>	G	P	G	P	G	P	G				G*		L*	P*					
Jet Fuel	—	L*	P*	G*		G*		L*	P*			L*	P*	L*						
Kerosene (Paraffin Oil)	—	G-L	P*	G	G-L	G	G-L	L	P			L*	P*	G	L*					
Lactic Acid 10% aq sol	C <sup>3</sup> H <sup>6</sup> O <sup>3</sup>	G		G	G	L		G	G	G	G	G	G	L-P						
Lactic Acid 100% aq sol	C <sup>3</sup> H <sup>6</sup> O <sup>3</sup>	P*	P*	G	G	L-P		G	G	G	G	G	G	P						
Lanoline	—	G*				G				G	L									
Lauroic Acid	C <sup>12</sup> H <sup>24</sup> O <sup>2</sup>	G*																		
Lauryl Chloride	C <sup>12</sup> H <sup>25</sup> Cl																			
Lead Acetate	Pb(C <sup>2</sup> H <sup>3</sup> O <sup>2</sup> ) <sup>2</sup>	G*	G*			G*		G	G	G*	G*	G	G	G-L*						
Lead Arsenate	As <sup>4</sup> O <sup>16</sup> Pb <sup>3</sup>	G*	G*			G*						G	G							
Lead Nitrate	Pb(NO <sup>3</sup> ) <sup>2</sup>	G*	G*			G*						G	G							
Lead Tetraethyl	C <sup>8</sup> H <sup>20</sup> Pb	G*		G		G*						G-L	P							
Linoleic Acid	C <sup>18</sup> H <sup>32</sup> O <sup>2</sup>																			



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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Linseed Cake	—			G	G	G	G													
Linseed Oil	—	L	P	G	G	G		L	P	L*	P*	L	P	G	G*					
Magnesium Carbonate	MgCO <sup>3</sup>	G*	G*			G*				G*	G*	G	G							
Magnesium Chloride	MgCl <sup>2</sup>	G*	G*	G	G	G*		G	G	G*	G*	G	G	G-L						
Magnesium Hydroxide 50% aq sol	Mg(HO) <sup>2</sup>																			
Magnesium Hydroxide	Mg(HO) <sup>2</sup>	G*	G*			G		G	G	G*	G*	G	G	L						
Magnesium Hydroxide 10% aq sol	Mg(HO) <sup>2</sup>																			
Magnesium Nitrate	Mg(NO <sup>3</sup> ) <sup>2</sup>	G*	G*			G*				G*	G*	G	G							
Magnesium Sulphate	MgSO <sup>4</sup>	G*	G*			G*		G	G	G*	G*	G	G							
Maleic Acid 25% aq sol	C <sup>4</sup> H <sup>4</sup> O <sup>4</sup>							G	G			G	G							
Maleic Acid 50% aq sol	C <sup>4</sup> H <sup>4</sup> O <sup>4</sup>							G	G			G	G							
Maleic Acid concentrated	C <sup>4</sup> H <sup>4</sup> O <sup>4</sup>		P*					G	G			G	G							
Malic Acid	C <sup>4</sup> H <sup>4</sup> O <sup>4</sup>	G																		
Manganese Sulphate	MnSO <sup>4</sup>	G*	G*									G	G							
Mercuric Chloride	HgCl <sup>2</sup>	P*	P*			G*		G	G	G*	G*	G	G							
Mercuric Cyanide	Hg(CN) <sup>2</sup>	G*	G*			G*		G	G	G*	G*	G	G							
Mercurous Nitrate	Hg(NO <sup>3</sup> ) <sup>2</sup>	G*	G*			G*		G	G	G*	G*	G	G							
Mercury	Hg	G*	G*	G	G	G	G	G	G	G	G	G	G	G*	G*					
Mesityl Oxide	C <sup>6</sup> H <sup>10</sup> O	P*	P*																	
Metallic Soaps (water sol)	—	G*										G	G							
Methane	CH <sup>4</sup>	G		G	G	G	G							G-L*						
Methyl Acetate	C <sup>3</sup> H <sup>6</sup> O <sup>2</sup>	P	P	G	G	G	G	P	P	P	P	P	P	L-P						
Methyl Alcohol (Methanol)	CH <sup>4</sup> O																			
Methyl Alcohol 6% aq sol	CH <sup>4</sup> O	L*	L-P*	G	P	G	P	G	L*			G*	L*	L	P*					
Methyl Alcohol 100% sol	CH <sup>4</sup> O	P	P					L	P			L*	P*							
Methyl Bromide	CH <sup>3</sup> Br	P*	P*	G-P	P	G	P					P	P							
Methyl Chloride	CH <sup>3</sup> Cl	P*	P*	G-P	P	G	P			P	P	P	P							
Methyl Ethyl Ketone	C <sup>4</sup> H <sup>8</sup> O	P*	P*	G	L	G	L	P	P	G	G	L-P	P	L-P						
Methyl Isobutyl Ketone	C <sup>6</sup> H <sup>12</sup> O	P*	P*	G	L							L-P	P							
Methyl Methacrylate	C <sup>5</sup> H <sup>8</sup> O <sup>2</sup>	P*	P*																	
Methyl Sulphate	CH <sup>4</sup> SO <sup>4</sup>	L*	P*	G-L		G	L													
Methylated Spirit	-	P*	P*			L	P	L	P	G*		G-L	L-P	G-L	P					
Methylene Chloride	CH <sup>2</sup> Cl <sup>2</sup>	P	P			P	P	P	P	L-P	P	P	P	L-P	P					
Milk	—	G		G	G	G		G	G	G	G	G	G							
Mineral Oils	—	G	P	G	G	G	G	L	P			L-P	P	G	L					
Mixed Acids (sulph/nitric)	—		P*																	
Molasses	—	G	G*									G	G							

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Monochlorbenzene	C <sup>6</sup> H <sup>5</sup> Cl	P	P									P	P							
Mustard	—			G		G		G*				G*		G*						
Naptha	—	P*	P*	G	G-L	G	L	P	P	P	P	P	P	L	P					
Napthalene	—	P*	P*	G	G	G	G	L-P	L-P	G	L	L-P	P	L*						
Natural Gas	—	G		G	G*	G	G*							G-L*						
Nickel Chloride	NiCl <sup>2</sup>	G*	G*			G*		G	G	G*	G*	G	G							
Nickel Nitrate	Ni(NO <sup>3</sup> ) <sup>2</sup>	G*	G*			G*		G	G	G*	G*	G	G							
Nickel Sulphate/salts	NiSO <sup>4</sup>	G*	G*			G*		G	G	G*	G*	G	G							
Nicotine	C <sup>10</sup> H <sup>14</sup> N <sup>2</sup>											G	G							
Nicotinic Acid	C <sup>6</sup> H <sup>5</sup> NO <sup>2</sup>											G	G							
Nitric Acid 5% aq sol	HNO <sup>3</sup>	G	G	P	P	P	P	G	G	G	G	G	G	P						
Nitric Acid 10% aq sol	HNO <sup>3</sup>	G	L	P	P	P	P	G	G	G	G	G	G	P						
Nitric Acid 25% aq sol	HNO <sup>3</sup>	G	L	P	P	P	P	G	G	G	G	G	G	P						
Nitric Acid 50% aq sol	HNO <sup>3</sup>	G	L	P	P	P	P	P	P	L	L	L	P	P						
Nitric Acid 70% aq sol	HNO <sup>3</sup>	L	P*	P	P	P	P	P	P	P	P	P	P	P						
Nitric Acid 95% aq sol	HNO <sup>3</sup>	P*	P*	P	P	P	P	P	P	P	P	P	P	P						
Nitrobenzene	C <sup>6</sup> H <sup>5</sup> NO <sup>2</sup>	P	P			L		P	P	L	L	P	P							
Nitropropane	C <sup>3</sup> H <sup>7</sup> NO <sup>2</sup>	P	P																	
Nitrous Fumes moist	—	P	P*																	
Nitrous Oxide Gas	N <sup>2</sup> O	G	L																	
Nitrogen	N <sup>2</sup>	G		G*		G*		G*				G*		G	G*					
Octane	C <sup>8</sup> H <sup>18</sup>			G	G-L	G				L-P	P									
Oil, ASTM Oil No 1	—													G	G-L*					
Oil, ASTM Oil No 3	—													G	G-L*					
Oil, ASTM Ref Fuel A	—													G	G-L*					
Oil, ASTM Ref Fuel B	—													G-L	L*					
Oil, Animal	—	G-L*	P*					L	P			L*	P*	G-L*	G-L*					
Oil, Etheral	—	P	P																	
Oil, Hydraulic	—																			
petroleum base	—	P	P	G		G								G						
synthetic base	—	P	P	G		G								P	P					
Oil, Mineral	—	G-L	P*	G	G	G	G	P	P			L	P	G	G-L*					
Oil, Vegetable	—	G-L	P*	G	G	G	G	L	P			L	P	G	G-L*					
Oleic Acid	C <sup>18</sup> H <sup>34</sup> O <sup>2</sup>	G*	L	G	G	G		L	P	G	L	P	P							
Oxalic Acid 10% aq sol	C <sup>2</sup> H <sup>2</sup> O <sup>4</sup> x 2H <sup>2</sup> O	G		G	L	G	L	G	G	G	G	G	G	L						
Oxygen	O <sup>2</sup>	G*	G*	G	L	G	G	L	P	G	G	G	G	G						
Ozone	O <sup>3</sup>	G*		L-P	P	P*		P	P	L	P	P	P	G						

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrel		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Palmitic Acid	C <sup>16</sup> H <sup>32</sup> O <sup>2</sup>	G*										G	L								
Pentane	C <sup>5</sup> H <sup>12</sup>																				
Peracetic Acid	C <sup>2</sup> H <sup>4</sup> O <sup>3</sup>																				
Perchloric Acid 10% aq sol	HClO <sup>4</sup>		P*					G	G			G	G								
Perchloroethylene	C <sup>2</sup> Cl <sup>4</sup>	P	P	L	P	L	P	P*	P*			P*	P*	P*	P*						
Petrol	—			G	G-L	G	G	P	P	G-L	L-P	P	P	G							
Petrol / Benzene mix (A)	—	P*	P*	G	G-L	G	L	P	P	G-L	L-P	P	P	G-L							
Petroleum Ether (A)	—	P	P	G	G-L	G		P	P	L	P	P	P	G-L							
Phenols/Carbolic acid	—		P*	P	P	P		P	P	G	G	P	P								
Phenylcarbinol	C <sup>7</sup> H <sup>8</sup> O	P	P*			P	P	P*	P*	P		P	P	P							
Phenylhydrazine	C <sup>6</sup> H <sup>8</sup> N <sup>2</sup>	P*	P*																		
Phenylhydrazine Hydrochloride	C <sup>6</sup> H <sup>8</sup> N <sup>2</sup> -HCl		P																		
Phosgene gas	CCl <sup>2</sup> O											G-L	P								
Phosgene Liquid	CCl <sup>2</sup> O																				
Phosphates	—	G*	G*			G															
Phosphoric Acid	H <sup>3</sup> PO <sup>4</sup>																				
Phosphoric Acid 20% aq sol	H <sup>3</sup> PO <sup>4</sup>	G	G	G-L	P	P		G	G	G	G	G	G	L-P							
Phosphoric Acid 30% aq sol	H <sup>3</sup> PO <sup>4</sup>	G	G	G-L	P	P		G	G	G	G	G	G	P							
Phosphoric Acid 50% aq sol	H <sup>3</sup> PO <sup>4</sup>	G	G	G-L	P	P		G	G	G	G	G	G	P							
Phosphoric Acid 95% aq sol	H <sup>3</sup> PO <sup>4</sup>	G	G	P	P	P		L	P	G	L	G	L	P							
Phosphoric Anhydride	O <sup>10</sup> P <sup>4</sup>	G*				P		G	L												
Phosphorus	H <sup>3</sup> PO <sup>4</sup>					P*		G	P												
Phosphorus Pentoxide	O <sup>10</sup> P <sup>4</sup>	G*				P*		G	G	G	G	G	G								
Phosphorus Trichloride	PCl <sup>3</sup>	P*	P*			P*		G				G	G								
Phthalic Anhydride	C <sup>8</sup> H <sup>4</sup> O <sup>3</sup>	G*	G*																		
Picric Acid	C <sup>6</sup> H <sup>3</sup> N <sup>3</sup> O <sup>7</sup>																				
Picric Acid 1% aq sol	C <sup>6</sup> H <sup>3</sup> N <sup>3</sup> O <sup>7</sup>	G	G*	L	P	L	P	G				L	L								
Picric Acid 10% w/w in alcohol	C <sup>6</sup> H <sup>3</sup> N <sup>3</sup> O <sup>7</sup>	G*		L	P							P*	P*								
Polyester Emulsions	—	P		G*		G*															
Polyglycol Ethers	—	P*	P*																		
Polystyrene Emulsions	—	P		G*		G*															
Potassium Acid Sulphate	KHSO <sup>4</sup>	G	G									G	G								
Potassium Antimonate	KSbO <sup>3</sup>	G	G									G	G								
Potassium Bicarbonate	KHCO <sup>3</sup>	G*	G*									G	G								
Potassium Bichromate	K <sup>2</sup> Cr <sup>2</sup> O <sup>7</sup>	G*												G							
Potassium Bisulphate	KHSO <sup>4</sup>	G	G*									G	G								
Potassium Borate	K <sup>2</sup> B <sup>4</sup> O <sup>7</sup>	G*	G*					G-L	G-L			G	G								

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hyrel		Notes
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	
Potassium Bromate	KBrO <sup>3</sup>	G*	G*									G	G							
Potassium Bromide	KBr	G*	G*			G						G	G							
Potassium Bromide 10% aq sol	KBr																			
Potassium Carbonate	K <sup>2</sup> CO <sup>3</sup>	G*	G*							G	G	G	G							
Potassium Chlorate	KClO <sup>3</sup>	G*	G*			G-L				G	G	G	G							
Potassium Chlorate 5% aq sol	KClO <sup>3</sup>																			
Potassium Chloride	KCl	G	G					G	G	G	G	G	G							
Potassium Chromate	K <sup>2</sup> CrO <sup>4</sup>	G*	G*					G-L	G-L	G*	G*	G	G							
Potassium Cuprocyanide	K <sup>2</sup> CrO <sup>4</sup>	G	G									G	G							
Potassium Cyanide	KCN	G	G					G	G	G*	G*	G	G							
Potassium Dichromate	K <sup>2</sup> Cr <sup>2</sup> O <sup>7</sup>	G	G					G	G	G*	G*	G	G	G*						
Potassium Ferricyanide	C <sup>6</sup> N <sup>6</sup> FeK <sup>3</sup>	G*	G*					G*	G*			G	G							
Potassium Ferrocyanide	C <sup>6</sup> N <sup>6</sup> FeK <sup>4</sup>	G*	G*					G	G			G	G							
Potassium Fluoride	KF	G*	G*									G	G							
Potassium Hydroxide	KHO																			
Potassium Hydroxide 1 % aq sol	KHO	G	G	G	P	G	P	G	G			G	G							
Potassium Hydroxide 10 % aq sol	KHO	G	G	G	P	G	P	G	G			G	G							
Potassium Hydroxide concentrated	KHO	G	P	P	P	G-L*	P	G	G			G	L							
Potassium Hypochlorite	KClO	G										G	G-L							
Potassium Nitrate	KNO <sup>3</sup>																			
Potassium Nitrate 10 % aq sol	KNO <sup>3</sup>	G*	G*	G-L	P	G	P	G	G	G	G	G	G	G-L						
Potassium Perborate	BHO <sup>3</sup>	G*	G*					G	G			G	G							
Potassium Perchlorate	KClO <sup>4</sup>	G*										G-L*	G-L*							
Potassium Permanganate	KMnO <sup>4</sup>	G*		P		P	P	G	G	G	G	P	P	L-P						
Potassium Persulphate	K <sup>2</sup> S <sup>2</sup> O <sup>8</sup>	G*	G*							G	G	G	G							
Potassium Phosphate	KH <sup>2</sup> PO <sup>4</sup>	G*	G*									G	G							
Potassium Sulphate	K <sup>2</sup> SO <sup>4</sup>																			
Potassium Sulphate 10 % aq sol	K <sup>2</sup> SO <sup>4</sup>	G*	G*	G	G	G	G	G	G	G	G	G	G	G*						
Potassium Sulphide	K <sup>2</sup> S	G	G									G	G							
Potassium Thiosulphate	H <sup>2</sup> S <sup>2</sup> O <sup>3</sup> K <sup>2</sup>	G	G									G	G							
Propane	C <sup>3</sup> H <sup>8</sup>	G		G	G	G	G			G	G-L			G-L						
Propylene dichloride	C <sup>3</sup> H <sup>6</sup> Cl <sup>2</sup>	P*	P*									P	P							
Propylene Glycol	C <sup>3</sup> H <sup>8</sup> O <sup>2</sup>	G*										G	G							
Propylene Oxide	C <sup>3</sup> H <sup>6</sup> O	P*	P*																	
Pyridine	C <sup>5</sup> H <sup>5</sup> N			L	P	L	P							P	P					
Saccharase	—	G*	G*																	
Salicylic Acid	C <sup>7</sup> H <sup>6</sup> O <sup>3</sup>					G						G	G							

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Sea Water	—	G*	G*	G	G	G	G	G	G	G	G	G	G	G							
Selenic Acid	—											G	G								
Silver Acetate	C <sup>2</sup> H <sup>3</sup> AgO <sup>2</sup>	G*	G*			G*				G*	G*										
Silver Cyanide	C <sup>1</sup> AgN	G*	G*			G*				G*	G*	G	G								
Silver Nitrate	AgNO <sup>3</sup>	G				G*		G	G	G*	G*	G	G	L							
Soap sol. 10 % aq sol	—	G		G		G		G	G	G*		G		G*							
Soda water	—	G*	G*	G	G	G	G	G*	G*			G*	G*	G*							
Sodium Acetate	C <sup>2</sup> H <sup>3</sup> NaO <sup>2</sup>	G*										G	G								
Sodium Acid Sulphate	C <sup>2</sup> H <sup>3</sup> NaO <sup>2</sup>	G	G									G	G								
Sodium Aluminate	NaAlO <sup>2</sup>	G	G									G	G								
Sodium Antimonate	NaO <sup>3</sup> Sb	G	G									G	G								
Sodium Benzoate	C <sup>7</sup> H <sup>5</sup> NaO <sup>2</sup>	G*	P*									G	G								
Sodium Bicarbonate	NaHCO <sup>3</sup>	G*	G*			G	G	G	G	G	G	G	G	G*							
Sodium Bisulphate	NaHSO <sup>4</sup>	G*	G*							G	G	G	G	G-L							
Sodium Bisulphate	NaHSO <sup>4</sup>	G				G				G	G	G	G								
Sodium Bisulphate 10 % aq sol.	NaHSO <sup>5</sup>																				
Sodium Borate	Na <sup>2</sup> B <sup>4</sup> O <sup>7</sup>	G*										G	G								
Sodium Bromide	NaBr	G*	G*			G						G	G								
Sodium Bromide 10% aq sol	NaBr																				
Sodium Carbonate	Na <sup>2</sup> CO <sup>3</sup>	G*	G*	G	G-L	G	L	G	G	G	G	G	G	G-L							
Sodium Carbonate 10% aq sol	Na <sup>2</sup> CO <sup>3</sup>																				
Sodium Chlorate	NaClO <sup>3</sup>	G*	G*			L		G	G	G	G	G	G	G-L							
Sodium Chloride	NaCl	G	G	G	G	G	G	G	G	G	G	G	G	G							
Sodium Cyanide	C <sup>1</sup> N <sup>3</sup> Na	G	G									G	G								
Sodium Ferricyanide	C <sup>18</sup> H <sup>29</sup> NaSO <sup>3</sup>	G*	G*									G	G								
Sodium Ferrocyanide	C <sup>6</sup> FeNa <sup>4</sup> N <sup>6</sup>	G*	G*									G	G								
Sodium Fluoride	NaF	G*										G	G								
Sodium Hydroxide	NaOH																				
Sodium Hydroxide 1% aq sol	NaOH	G	L	G	P	G	L	G	G	G	G	G	G	G-L							
Sodium Hydroxide 10% aq sol	NaOH	G	L	G	P	G	L	G	G	G	G	G	G	L							
Sodium Hydroxide 40% aq sol	NaOH	G	P	G	P	G	P	G	G	G	G	G	G	P							
Sodium Hydroxide concentrated	NaOH	G	P			P	P	G	G	G	G	G	L	P							
Sodium Hypochlorite 15%	NaClO	G	L			P		G	G	G-L	G-L	G	L	G							
Sodium Hyposulphate	NaClO	G*	G*																		
Sodium Metaphosphate	Na <sup>6</sup> P <sup>6</sup> O <sup>18</sup>	G*	G*									G	G								
Sodium Nitrate 10% aq sol	NaNO <sup>3</sup>	G*	G*			G	G*	G	G	G	G	G	G	G-L							
Sodium Nitrite	NaNO <sup>2</sup>	G*	G*			P				G	G	G	G								

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrel		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Sodium Perborate	NaBO <sub>3</sub> ·nH <sub>2</sub> O	G*				L-P				G	G	G	G								
Sodium Peroxide	Na <sup>2</sup> O <sup>2</sup>	G*	G*									G	G								
Sodium Phosphate	Na <sup>3</sup> PO <sup>4</sup>	G*	G*			G				G	G	G	G								
Sodium Phosphate 10% aq sol	Na <sup>3</sup> PO <sup>4</sup>																				
Sodium Silicate	Na <sup>2</sup> SiO <sup>3</sup>	G*	G*					G	G			G	G								
Sodium Sulphate	Na <sup>2</sup> SO <sup>4</sup>	G*	G*			G		G	G	G	G	G	G								
Sodium Sulphate 10% aq sol	Na <sup>2</sup> SO <sup>5</sup>																				
Sodium Sulphide	Na <sup>2</sup> S																				
Sodium Sulphide 25% aq sol	Na <sup>2</sup> S	G	G	G-L	L	G-L	L	G	G	G	G	G	G	G-L							
Sodium Sulphide concentrated	Na <sup>2</sup> S	G	G	G-L	L			G	G	G	G	G	G								
Sodium Sulphite	Na <sup>2</sup> SO <sup>3</sup>	G		G		G		G	G	G	G	G	G	G-L							
Sodium Sulphite 10% aq sol	Na <sup>2</sup> SO <sup>4</sup>																				
Sodium Tetraborate	Na <sup>2</sup> B <sup>4</sup> O <sup>7</sup> ·10H <sub>2</sub> O	G*																			
Sodium Thiosulphate	Na <sup>2</sup> S <sup>2</sup> O <sup>3</sup>	G	G			G				G	G	G	G								
Soft Soap	—	G										G	G								
Solvent Naptha	—	L*	P*	G	G-L	G	G-L	L*	P*			L*	P*	G-L*							
Stannic Chloride	SnCl <sup>4</sup>	G	G									G	G								
Stannous Chloride	SnCl <sup>2</sup>	G	G									G	G								
Starch	—	G*	G*			G		G	G			G	G								
Steam	H <sup>2</sup> O	P		P		P		P				P									
Stearic Acid	C <sup>18</sup> H <sup>36</sup> O <sup>2</sup>	G*	G*	G	G	G	G	G	G	G	G	G	G								
Stearin (also Stearine)	C <sup>57</sup> H <sup>110</sup> O			G	G	G	G	G*	G*			G*	G*								
Styrene	C <sup>8</sup> H <sup>8</sup>	P	P	G		G								L*							
Sucrose	—	G*	G*	G*	G*	G*	G*	G	G	G	G	G	G	G*							
Sulphamic Acid	H <sup>2</sup> NSO <sup>3</sup> H	P		P	P	P	P														
Sulphur Colloidal	S			G*		G		G	G	G*		G	G								
Sulphur Dioxide dry	SO <sup>2</sup>	G*	G*	G		P	P	G	G	G*		G	G	L							
Sulphur Dioxide moist	SO <sup>2</sup>	L	P*	G		P	P	G	P			G	L	P							
Sulphur Dioxide liquid	SO <sup>2</sup>	L	P*	G		P	P	P	P			P	P	P							
Sulphur Trioxide	SO <sup>3</sup>			L	P	L	P	P	P			P*	P*								
Sulphuric Acid	H <sup>2</sup> SO <sup>4</sup>																				
Sulphuric Acid 10% aq sol	H <sup>2</sup> SO <sup>4</sup>	G	G	G-L	P	L	P	G	G	G	G	G	G	G							
Sulphuric Acid 20% aq sol	H <sup>2</sup> SO <sup>4</sup>	G	G	L	P	P	P	G	G	G	G	G	G	L-P							
Sulphuric Acid 30% aq sol	H <sup>2</sup> SO <sup>4</sup>	G	G	P	P	P	P	G	G	G	G	G	G	P							
Sulphuric Acid 40% aq sol	H <sup>2</sup> SO <sup>4</sup>	G	G	P	P	P	P	G	G	G	G	G	G	P							
Sulphuric Acid 45% aq sol	H <sup>2</sup> SO <sup>4</sup>	G	G	P	P	P	P	G	G	G	G	G	G	P							
Sulphuric Acid 50% aq sol	H <sup>2</sup> SO <sup>4</sup>	G	L	P	P	P	P	G	G	G	G	G	G	P							

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Sulphuric Acid 55% aq sol	H <sup>2</sup> SO <sup>4</sup>	L	L	P	P	P	P	G-L	G-L	G	G	G	G	P							
Sulphuric Acid 60% aq sol	H <sup>2</sup> SO <sup>4</sup>	L	L	P	P	P	P	G-L	L-P	G	G	G	G	P							
Sulphuric Acid 70% aq sol	H <sup>2</sup> SO <sup>4</sup>	L	P	P	P	P	P	L	P	G	G	L	L	P							
Sulphuric Acid 80% aq sol	H <sup>2</sup> SO <sup>4</sup>	L	P	P	P	P	P	L	P	G	G	L-P	P	P							
Sulphuric Acid 90% aq sol	H <sup>2</sup> SO <sup>4</sup>	P	P	P	P	P	P	P	P	G	G	P	P	P							
Sulphuric Acid 95% aq sol	H <sup>2</sup> SO <sup>4</sup>	P	P	P	P	P	P	P	P	G	L	P	P	P							
Sulphuric Acid 98% aq sol	H <sup>2</sup> SO <sup>4</sup>	P	P	P	P	P	P	P	P	G-L	L	P	P	P							
Sulphuric Acid fuming	H <sup>2</sup> SO <sup>4</sup>	P	P	P	P	P	P	P	P	P	P	P	P	P							
Sulphurous Acid	H <sup>2</sup> SO <sup>3</sup>																				
Sulphurous Acid 10% aq sol	H <sup>2</sup> SO <sup>3</sup>	G										G	G								
Sulphurous Acid 30% aq sol	H <sup>2</sup> SO <sup>3</sup>	G										P	P								
Sulphur Trioxide	SO <sup>3</sup>			L-P	P	L	P	P	P	P*	P*	P*	P*								
Surface Active Agents	—	G*	G*									G	G								
all concs. (emulsifiers, synthetic detergents and wetting agents)	—																				
Tallow	—	G*				G		G	G			G	P								
Tannic Acid	C <sup>76</sup> H <sup>52</sup> O <sup>46</sup>	G						G	G			G	G								
Tanning Extracts	—	G*						G	G			G	G								
Tartaric Acid 10% aq sol	C <sup>4</sup> H <sup>6</sup> O <sup>6</sup>	G		G	G	G	G	G	G	G	G	G	G	L							
Tetra Ethyl Lead	C <sup>8</sup> H <sup>20</sup> Pb	G*				G		G	P	G*		G	P								
Tetrahydrofuran	C <sup>4</sup> H <sup>8</sup> O	P*	P*			G		P	P	L	P	P	P	P							
Tetrahydronaphthalene	C <sup>10</sup> H <sup>12</sup>	P	P							G	P	P	P								
Tetralin	C <sup>10</sup> H <sup>12</sup>	P	P			G															
Thionyl Chloride	SOCl <sup>2</sup>					P															
Toluene	C <sup>7</sup> H <sup>8</sup>	P*	P*	G	L	G	L	P	P	L	P	P	P	P							
Transformer Oil	—	G	P	G	G	G		L	P	P*	P*	P	P	L-P							
Tributyl Phosphate	C <sup>12</sup> H <sup>27</sup> O <sup>4</sup> P	P*	P*	G	G	G	G	L	P	L	P	L	P	L							
Trichloroacetic Acid	C <sup>2</sup> HCl <sup>3</sup> O <sup>2</sup>	P*	P*																		
Trichloroethane	C <sup>2</sup> H <sup>3</sup> Cl <sup>3</sup>	P*	P*	L-P	P	L	P					P	P	P	P						
Trichloroethylene	C <sup>2</sup> HCl <sup>3</sup>	P	P	L-P	P	L	P	P	P	L	P	P	P	P	P						
Trichlorobenzene	C <sup>6</sup> H <sup>3</sup> Cl <sup>3</sup>	P*	P*									P	P								
Tricresyl Phosphate	C <sup>7</sup> H <sup>15</sup> NO <sup>2</sup>	P*	P*	G	G	G	G	P	P	G	G	P	P	L-P	P						
Triethanolamine	C <sup>6</sup> H <sup>15</sup> NO <sup>3</sup>	G	G					G	P			P	P								
Triethylene Glycol	C <sup>6</sup> H <sup>14</sup> O <sup>4</sup>	G*																			
Trimethylamine	C <sup>3</sup> H <sup>9</sup> N																				
Trimethylpropane	C <sup>8</sup> H <sup>18</sup>																				
Trisodium Phosphate	Na <sup>3</sup> PO <sup>4</sup>	G	G	G	G	G	G	G	G			P	P	L-P*	P*						

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Chemical	Chemical Formula	Flex PVC		Nylon 11		Nylon 12		LDPE		HDPE		EVA		PU		PTFE		Hytrell		Notes	
		@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C	@ 20°C	@ 60°C		
Turpentine	—	L	P			G	G-L	G	P	L*	P*	P	P	G-L							
Turps Substitute	—	L*	P*	G	G-L	G	G-L	L*	P*			L*	P*	G	L						
Urea Formaldehyde Sol	CH <sup>4</sup> N <sup>2</sup> O	P	P	G*		G*															
Urea 20% aq sol	CH <sup>4</sup> N <sup>2</sup> O	G*		G	L	G	L	G	G	G	G	G	G	G-L							
Uric Acid (dilute)	C <sup>5</sup> H <sup>4</sup> N <sup>4</sup> O <sup>3</sup>			G	G	G	G	G	G			G*	G*								
Vegetable Oils	—	G	P	G	G	G	G	G-P	P	G	L	P	P	G*							
Vinegar	C <sup>2</sup> H <sup>4</sup> O <sup>2</sup>	G*		G	G	G	G	G	G	G	G	G	G	G-L							
Vinyl Acetate	C <sup>4</sup> H <sup>6</sup> O <sup>2</sup>	P*	P*																		
Water	H <sup>2</sup> O	G	G	G	G	G	G	G	G	G	G	G	G	G	P						
Wetting Agents all concs.	—	G*	G*									G*	G*								
White Spirit	—	L*	P*	G	G-L	G	G-L	L*	P*			L*	P*	G	L						
Wines and Spirits	—	G	L	G		G-L		G	G	G	G	G	G	G							
Xylene	C <sup>8</sup> H <sup>10</sup>	P*	P*	G	L	G	L	G	L	L	P	P	P	P							
Xylenol	C <sup>8</sup> H <sup>10</sup> O	P*	P*											P							
Yeast	—	G*						G	G			G	G								
Zinc Ammonium Carbonate	C <sup>4</sup> NO <sup>3</sup> ZN	G*	G*							G*	G*										
Zinc Carbonate	ZnCO <sup>3</sup>	G*	G*					G*	G*	G*	G*										
Zinc Chloride 10% aq sol	ZnCl <sup>2</sup>	G*	G*	G	L-P	G	G	G	G	G*	G*	G	G	G-L*							
Zinc Oxide	ZnO	G*	G*					G*	G*	G*	G*	G	G								
Zinc Sulphide	ZnSO <sup>4</sup>	G	G					G*	G*	G*	G*	G*	G*								