



Reagent arc serc Reagent arc serc						
Acetic acid (I-10%)	Reagent	21ºC	60°C	Reagent	21ºC	60°C
Acetic acid (1-10%)	Α			Benzene sulfonic acid	S	S
Acetic acid (10-60%) S O Bismuth carbonate saturated S S Acetic acid (80-100%) S O Black liquor S S Acetic anhydride S S Bleach lye (10%) S S Acetic anhydride S S Bleach lye (10%) S S Acetic anhydride S S Borax cold saturated S S Acids (aromatic) S S Boric acid concentrated S S Boric acid dilute S S Adipic acid S Boric acid dilute S S Adipic acid S S Brine S S Adipic acid S S Bromic acid (10%) S S Adipic acid S S Bromic acid (10%) S S S S S S S S S	Acetaldehyde	S	0	Benzoic acid crystals	S	S
Acetic acid (80-100%)	Acetic acid (1-10%)		S	Benzoic acid saturated		
Acetic anhydride \$ S Bleach Íve (10%) \$ S Acetone \$ S Borax cold saturated \$ S Acids (aromatic) \$ S \$ Boric acid concentrated \$ S Actylic emulsions \$ S \$ Boric acid dilute \$ S Aluminum chloride concentrated \$ S Bromic acid (10%) \$ S Aluminum chloride concentrated \$ S Bromine liquid (100%) \$ U Aluminum sulfate concentrated \$ S Bromochloromethane \$ U Aluminum sulfate sconcentrated \$ S Butanediol (10%) \$ S Amino acetic acid \$ S Butanediol (10%) \$ S Ammonium clooride scol \$ S Butanediol (10%) \$ S Ammonium bromide \$ S Buttyl acetate (100%) \$ S Ammonium retaphosphate (sat) \$ S Butyl alcohol (100%) </td <td>Acetic acid (10-60%)</td> <td>S</td> <td>0</td> <td>Bismuth carbonate saturated</td> <td></td> <td></td>	Acetic acid (10-60%)	S	0	Bismuth carbonate saturated		
Acetone S S Boric acid concentrated S S Acids (aromatic) S S Boric acid dilute S S Acrylic emulsions S S Boric acid dilute S S Adipic acid S S Bromic acid (10%) S S Aluminum chloride dilute S S Bromic acid (10%) D U Aluminum sulfate concentrated S S Bromochloromethane U U Aluminum sulfate concentrated S S Butanediol (10%) D U Aluminum sulfate concentrated S S Butanediol (10%) S S Aluminum sulfate concentrated S S Butanediol (10%) S S Aluminum acetate S S Butanediol (10%) S S Ammonium acetate S S Buttyle acetate (100%) S S Ammonium bromide S S Butylere acid (100%) S S <	Acetic acid (80-100%)			Black liquor		
Acids (aromatic) S S Boric acid concentrated S S Actrylic emulsions S S Boric acid dilute S S Adlipric acid S S Brine S S Aluminum chloride concentrated S S Bromic acid (10%) O U Aluminum fluoride concentrated S S Bromachloromethane U U Aluminum fluoride concentrated S B Butaneliol (10%) S S Aluminum fluoride concentrated S B Butanediol (10%) S S Aluminum sulfate concentrated S S Butanediol (10%) S S Aluminum califate concentrated S S Butanediol (10%) S S Ammonia cactic acid S S Butanediol (10%) S S Ammonium bromide S S Buttyl acetate (100%) S S Ammonium chloride saturated S S Buttyl acetate (100%) S <td< td=""><td>Acetic anhydride</td><td></td><td></td><td>Bleach lye (10%)</td><td></td><td></td></td<>	Acetic anhydride			Bleach lye (10%)		
Acrylic emulsions S S Brine S S Adipic acid S S Brine S S Aluminum chloride concentrated S S Bromic acid (10%) D U Aluminum chloride deconcentrated S S Bromic acid (100%) U U Aluminum sulfate concentrated S S Butadiene U U Ammonium cacid S S Butadiene U U Ammonium acetic S S Butadiene U U Ammonium acetace S S Buttanediol (100%) S S Ammonium fluoride (20%) S S Buttyl alcohol (100%) S S Ammonium mitrate saturated	Acetone			Borax cold saturated		
Adipic acid S S Brine S S Aluminum chloride concentrated S S Bromic acid (10%) S S Aluminum chloride dilute S S Bromochloromethane U U Aluminum sulfate concentrated S S Butanediol (10%) S S Aluminum sulfate concentrated S S Butanediol (10%) S S Alumic (all types) concentrated S S Butanediol (10%) S S Ammonia (100% dry gas) S S Butanediol (100%) S S Ammonium acetate S S Butanediol (100%) S S Ammonium bromide S S Butter S S Ammonium carbonate S S Butter S S Ammonium hydroxide S S Butylene glycol S S Ammonium persulfate saturated S Caffeine citrate saturated S S Ammonium phrosphate <td>Acids (aromatic)</td> <td></td> <td></td> <td>Boric acid concentrated</td> <td></td> <td></td>	Acids (aromatic)			Boric acid concentrated		
Aluminum chloride concentrated S S Bromic acid (10%) S S Aluminum chloride concentrated S S Bromchloromethane U U Aluminum sulfate concentrated S S Bromchloromethane U U Aluminum sulfate concentrated S S Butanediol (10%) S S Amino acetic acid S S Butanediol (10%) S S Ammonium acetate S S Butanediol (10%) S S Ammonium bromide S S Butanediol (100%) S S Ammonium bromide S S Butter S S Ammonium bromide S S Buttyl acetate (100%) S S Ammonium phoride (20%) S S Butyl alcohol (100%) S S Ammonium phoride (20%) S S Butylane glycol S S Ammonium persulfate saturated S C C C C	Acrylic emulsions			Boric acid dilute		
Aluminum chloride dilute \$ S Bromine liquid (100%) 0 U Aluminum fluoride concentrated \$ S Bromochloromethane U U Aluminum sulfate concentrated \$ S Butacliene U U Alumino acetic acid \$ S Butanediol (10%) \$ S S Ammonia (100% dry gas) \$ S Butanediol (100%) \$ S S Ammonium acetate \$ S Butter \$ S S Ammonium acrbonate \$ S Butyl acetate (100%) 0 U Ammonium carbonate \$ S Butyl alcohol (100%) \$ S S Ammonium carbonate \$ S Butyl alcohol (100%) \$ S S Ammonium carbonate \$ S Butyl alcohol (100%) \$ S S Ammonium ploride (20%) \$ S Butyl alcohol (100%) \$ S S Ammonium phydroxide \$ S Calcium branch (100%) \$ S Calcium branch (100%) \$ S Ammonium persulfate saturated \$ S Calcium branch (100%) \$ S Calcium	·			Brine	S	
Aluminum fluoride concentrated						
Aluminum sulfate concentrated S S Butadiene U U Alums (all types) concentrated S S Butanediol (10%) S S Amino acetic acid S S Butanediol (60%) S S Ammonium colod dry gas) S S Buttanediol (100%) S S Ammonium bromide S S Buttyl acetate (100%) O U Ammonium bromide S S Butyl acetate (100%) S S Ammonium bromide S S Butyl acetate (100%) S S Ammonium carbonate S S Butyl acetate (100%) S S Ammonium fluoride (20%) S S Butyl alcohol (100%) S S Ammonium phorphate S S Caffeine citrate saturated S S Ammonium phosphate S S Caffeine citrate saturated S S Ammonium phosphate S S Calcium bromide S S				• • • •		
Alums (all types) concentrated S S Butanediol (10%) S S Amino acetic acid S S Butanediol (60%) S S Ammonium cacetate S S Butter S S Ammonium acetate S S Buttyl acetate (100%) O U Ammonium bromide S S Butyl alcohol (100%) S S Ammonium carbonate S S Butyl alcohol (100%) S S Ammonium fluoride (20%) S S Butylic acid (100%) S S Ammonium plorophate S S Butyric acid (100%) S S Ammonium metaphosphate (sat.) S S Caffeine citrate saturated S S Ammonium plosphate S S Caffeine citrate saturated S S Ammonium sulfate saturated S S Calcium bromide S S Ammonium plosphate S S Calcium bromide S S <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Amino acetic acid S S Butanediol (60%) S S Ammonia (100% dry gas) S S Butanediol (100%) S S Ammonium acetate S S Butter S S Ammonium bromide S S Buttyl acetate (100%) O U Ammonium carbonate S S Butyl acetate (100%) S S Ammonium carbonate S S Butyl acetate (100%) S S Ammonium fluoride (20%) S S Butyl acetate (100%) S S Ammonium hydroxide S S Butyl acetate (100%) S S Ammonium metaphosphate (sat.) S S Caffeine citrate saturated S S Ammonium phosphate S S Caffeine citrate saturated S S Ammonium sulfate saturated S S Calcium bisulfide S S Ammonium sulfate saturated S S Calcium hydroxide S S						
Ammonia (100% dry gas) S S Butter S S Ammonium acetate S S Butter S S Ammonium bromide S S Butyl acetate (100%) O U Ammonium carbonate S S Butyl alcohol (100%) S S Ammonium chloride saturated S S Butylene glycol S S Ammonium fluoride (20%) S S Butylene glycol S S Ammonium fluoride (20%) S S Butylene glycol S S Ammonium fluoride (20%) S S Butylene glycol S S Ammonium fluoride (20%) S S Butylene glycol S S Ammonium metaphosphate S S C C Ammonium phosphate S S Calcium bisulfide S S S Ammonium phosphate S S Calcium bromide S S Ammonium brosphate S	. , , ,				S	
Ammonium acetate S S S Butter S S S Ammonium bromide S S S Buttyl acetate (100%) O U Ammonium carbonate S S Butyl acetate (100%) S S S Ammonium chloride saturated S S Butyl acetate (100%) S S S Ammonium fluoride (20%) S S Butylene glycol S S S Ammonium hydroxide S S S Butyric acid (100%) S S S Ammonium hydroxide S S S Caffeine citrate saturated S S Cafcium bisulfide S S S Caffeine citrate saturated S S Cafcium bisulfide S S S Caffeine citrate saturated S S Cafcium bisulfide S S S Cafcium bisulfide S S S Caffeine citrate saturated S S Cafcium bisulfide S S S Cafcium bisulfide S S S Cafcium bisulfide S S S Cafcium carbonate saturated S S Cafcium hydroxide S S Cafcium hydroxide S S Cafcium hydroxide S S Cafcium hydroxide S S Cafcium nitrate (50%) S S Cafcium nitrate (50%) S S Cafcium sulfate S S S Caffeine citrate saturated S S Cafcium carbonate saturated S S Cafcium carbonate saturated S S Cafcium carbonate saturated S S Cafcium hydroxide (100%) S S Cafcium hydroxide (100%) S S Cafcium hydroxide (100%) S S S Cafcium nitrate (50%) S S S Carbon dioxide (100% dry) S S S Carbon dioxide (100% dry) S S S Carbon dioxide (100% wet) S S S Carbon tetrachloride U U Carbon dioxide cold saturated S S Carbon dioxide cold saturated S S Carbon dioxide (100% wet) S S S Carbon tetrachloride U U Carbon dioxide cold saturated S S S Carbon dioxide cold saturated S S S Carbon dioxide cold saturated S S S Carbon dioxide co				, ,	S	
Ammonium bromide S S S Butyl acetate (100%) O U Ammonium carbonate S S Butyl alcohol (100%) S S S Ammonium chloride saturated S S Butylene glycol S S Ammonium fluoride (20%) S S Butylene glycol S S S Ammonium hydroxide S S Butylene glycol S S S Ammonium hydroxide S S S Butylene glycol S S S Ammonium hydroxide S S S Butylene glycol S S S Ammonium hydroxide S S S Butylene glycol S S S S S S S S S S S S S S S S S S S						
Ammonium carbonate S S S Butyl alcohol (100%) S S Ammonium chloride saturated S S Butylene glycol S S Ammonium chloride (20%) S S Butylene glycol S S S Ammonium hydroxide S S Butyric acid (100%) S S S Ammonium hydroxide S S S Butyric acid (100%) S S S Ammonium metaphosphate (sat.) S S Carbonium nitrate saturated S S S Caffeine citrate saturated S S S Calcium bisulfide S S S Calcium sulfide S S S Calcium carbonate saturated S S Calcium hydroxide S S S Calcium nitrate (50%) S S Calcium sulfate S S S Calcium hydroxide S S S Carbon dioxide (100%) S S Carbon dioxide (100% dry) S S S Carbon dioxide (100% dry) S S S Carbon dioxide (100% dry) S S S Carbon dioxide cold saturated S S S Carbon dioxide cold saturated S S S Carbon dioxide cold saturated S S S Carbon tetrachloride U U Carbonic acid S S S Carbon tetrachloride U U U Carbonic acid S S S Carbon tetrachloride U U U Carbonic acid S S S Carbon tetrachloride U U U Carbonic acid S S S Carbon tetrachloride S S S Carbonic acid S S S Carbon tetrachloride U U U Carbonic acid S S S S Carbonic acid S S S S S S S S S S S S C						
Ammonium chloride saturated Ammonium fluoride (20%) S S Butylene glycol S S Ammonium fluoride (20%) S S Butyric acid (100%) S S S Ammonium hydroxide S S S Ammonium metaphosphate (sat.) S S Calmonium metaphosphate (sat.) S C Caffeine citrate saturated S S Calcium bisulfide S S S Calcium bromide S S S Calcium carbonate saturated S S Calcium Chlorate saturated S S Calcium hydroxide S S Carbon dioxide (100%) S S S Carbon dioxide (100%) S S S S Carbon dioxide (100% wet) S S S Carbon dioxide cold saturated S S S Carbon tetrachloride U U Carbon tetrachloride U U U Carbon tetrachloride S S S Carbon				•		
Ammonium fluoride (20%) S S S Butyric acid (100%) S S S Ammonium hydroxide S S S C C C Ammonium metaphosphate (sat.) S S C C C C C C C C C C C C C C C C C					S	
Ammonium hydroxide Ammonium metaphosphate (sat.) Ammonium mitrate saturated Ammonium persulfate saturated Ammonium persulfate saturated Ammonium persulfate saturated Ammonium phosphate Ammonium phosphate Ammonium sulfate saturated Ammonium sulfate saturated Ammonium sulfate saturated Ammonium sulfide saturated Ammonium sulfide saturated Ammonium sulfide saturated Ammonium thiocyanate saturated S S Calcium Chlorate saturated S S Amyl acetate (100%) Amyl acetate (100%) Amyl acetate (100%) Amyl Chloride (100%) S S Calcium nitrate (50%) Amyl Chloride (100%) Aniline (100%) S U Calcium sulfate S S Aniline (100%) S U Camphor crystals S S Anise seed oil O U Camphor oil U U Antimony chloride S S Carbon dioxide (100% wet) S S Aromatic hydrocarbons U U Carbon dioxide (100% wet) S S Arsenic S S Carbon dioxide cold saturated S S Arsenic S S Carbon tetrachloride U U Aspirin S Carbon tetrachloride S S Barium carbonate saturated S S Carrot juice S S Barium sulfate saturated S S Castor oil concentrated S S Barium sulfate saturated S S Castor oil concentrated S S Barium sulfate saturated S S Catsup S Castor oil concentrated S S Barium sulfate saturated S S Caestor oil U U Benzaldehyde S Cedar wood oil U U Benzaldehyde						
Ammonium metaphosphate (sat.) S S Caffeine citrate saturated S S Ammonium persulfate saturated S S Calcium bisulfide S S S Ammonium phosphate S S Calcium bromide S S Ammonium sulfate saturated S S Calcium bromide S S Ammonium sulfate saturated S S Calcium carbonate saturated S S Calcium Chlorate saturated S S Calcium hydroxide S S Calcium nitrate (50%) S S S Carbon dioxide (100%) S S S S S S S S S S S S S S S S S S S	· · · · · · · · · · · · · · · · · · ·			Butyric acid (100%)	S	S
Ammonium nitrate saturated S S Caffeine citrate saturated S S Ammonium persulfate saturated S S Calcium bisulfide S S Ammonium phosphate S S Calcium bromide S S Ammonium sulfate saturated S S Calcium carbonate saturated S S Calcium Chlorate saturated S S Calcium hydroxide S S Calcium nitrate (50%) S S S S Carbon dioxide (100% dry) S S S S S S S Carbon dioxide (100% dry) S S S S S S Carbon dioxide (100% dry) S S S S S Carbon dioxide (100% dry) S S S S S S Carbon dioxide (100% dry) S S S S S S Carbon dioxide (100% dry) S S S S S S S S S Carbon dioxide (100% dry) S S S S S S S S S S Carbon dioxide (100% dry) S S S S S S S S S S S S S S S S S S S	, , , , , , , , , , , , , , , , , , ,					
Ammonium persulfate saturatedSSCalcium bisulfideSSAmmonium phosphateSSCalcium bromideSSAmmonium sulfate saturatedSSCalcium carbonate saturatedSSAmmonium thiocyanate saturatedSSCalcium Chlorate saturatedSSAmyl acetate (100%)OUCalcium hydroxideSSAmyl alcohol (100%)SSCalcium hypochlorite bleach solutionSSAmyl Chloride (100%)SSCalcium nitrate (50%)SSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSArsenicSSCarbon dioxide cold saturatedSSArsenicSSCarbon dioxide cold saturatedSSAspirinSSCarbon monoxideSSBarium carbonate saturatedSSCarbon monoxideSSBarium carbonate saturatedSSCarnauba waxSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCastor oil concentratedSS <td></td> <td></td> <td></td> <td>_</td> <td>0</td> <td>0</td>				_	0	0
Ammonium phosphateSSCalcium bromideSSAmmonium sulfate saturatedSSCalcium carbonate saturatedSSAmmonium sulfate saturatedSSCalcium Chlorate saturatedSSAmmonium thiocyanate saturatedSSCalcium hydroxideSSAmyl acetate (100%)OUCalcium hypochlorite bleach solutionSSAmyl alcohol (100%)SSCalcium nitrate (50%)SSAmyl Chloride (100%)OUCalcium sulfateSSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSArsenicSSCarbon dioxide cold saturatedSSArsenicSSCarbon dioxide cold saturatedSSAspirinSSCarbon dioxide cold saturatedSSBarium carbonate saturatedSSCarbon tetrachlorideUUBarium carbonate saturatedSSCarnauba waxSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCatoustic sodaSO <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Ammonium sulfate saturatedSSCalcium carbonate saturatedSSAmmonium sulfide saturatedSSCalcium Chlorate saturatedSSAmmonium thiocyanate saturatedSSCalcium hydroxideSSAmyl acetate (100%)OUCalcium hypochlorite bleach solutionSSAmyl alcohol (100%)SSCalcium nitrate (50%)SSAmyl Chloride (100%)OUCalcium sulfateSSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSAromatic hydrocarbonsUUCarbon dioxide cold saturatedSSArsenicSSCarbon disulphideOUAspirinSSCarbon monoxideSSBarium carbonate saturatedSSCarbonic acidSSBarium carbonate saturatedSSCarnauba waxSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfate saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUUBenzaldehydeS <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Ammonium sulfide saturated Ammonium thiocyanate saturated Amyl acetate (100%) Amyl alcohol (100%) Amyl alcohol (100%) Amyl Chloride (100%) Amyl Chloride (100%) Amyl Chloride (100%) Aniline (100	·					
Ammonium thiocyanate saturated Amyl acetate (100%)SSCalcium hydroxideSSAmyl alcohol (100%)SSCalcium hypochlorite bleach solution SSAmyl alcohol (100%)SSCalcium nitrate (50%)SSAmyl Chloride (100%)OUCalcium sulfateSSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSArsenicSSCarbon dioxide cold saturatedSSArsenicSSCarbon disulphideOUAspirinSSCarbon monoxideSSBarium carbonate saturatedSSCarbonic acidSSBarium carbonate saturatedSSCarnauba waxSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfate saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUUBenzaldehydeSCedar wood oilUUU						
Amyl acetate (100%)OUCalcium hypochlorite bleach solution SSAmyl alcohol (100%)SSCalcium nitrate (50%)SSAmyl Chloride (100%)OUCalcium sulfateSSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSAromatic hydrocarbonsUUCarbon dioxide cold saturatedSSArsenicSSCarbon disulphideOUAspirinSSCarbon monoxideSSBarium carbonate saturatedSSCarnauba waxSSBarium carbonate saturatedSSCarrot juiceSSBarium sulfate saturatedSSCastor oil concentratedSSBarium sulfate saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUUBenzaldehydeSOCedar wood oilUU						
Amyl alcohol (100%)SSCalcium nitrate (50%)SSAmyl Chloride (100%)OUCalcium sulfateSSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSAromatic hydrocarbonsUUCarbon dioxide cold saturatedSSArsenicSSCarbon disulphideOUAspirinSSCarbon monoxideSSBarium carbonate saturatedSSCarbon tetrachlorideUUBarium carbonate saturatedSSCarnauba waxSSBarium hydroxideSSCarrot juiceSSBarium sulfate saturatedSSCatsupSSBarium sulfite saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU	,					
Amyl Chloride (100%)OUCalcium sulfateSSAniline (100%)SUCamphor crystalsSSAnise seed oilOUCamphor oilUUAntimony chlorideSSCarbon dioxide (100% dry)SSAqua RegiaOUCarbon dioxide (100% wet)SSAromatic hydrocarbonsUUCarbon dioxide cold saturatedSSArsenicSSCarbon disulphideOUAspirinSSCarbon monoxideSSCarbon tetrachlorideUUUBCarbonic acidSSBarium carbonate saturatedSSCarnauba waxSSBarium hydroxideSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfate saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUUBenzaldehydeSOCedar wood oilUU						
Aniline (100%) Anise seed oil Antimony chloride S S Carbon dioxide (100% dry) S Aqua Regia O U Carbon dioxide (100% wet) S Aromatic hydrocarbons U U Carbon dioxide cold saturated S Arsenic S S Carbon disulphide O U Aspirin S S Carbon monoxide S S Carbon tetrachloride U U B Barium carbonate saturated S S Carrot juice S S Barium sulfate saturated S S Catsup S	,					
Anise seed oil 0 U Camphor oil U U Antimony chloride S S Carbon dioxide (100% dry) S S Aqua Regia 0 U Carbon dioxide (100% wet) S S Aromatic hydrocarbons U U Carbon dioxide cold saturated S S Arsenic S S Carbon disulphide 0 U Aspirin S S Carbon monoxide S S Barium carbonate saturated S S Carbon tetrachloride U U B Carbonic acid S S Barium carbonate saturated S S Carrot juice S S Barium hydroxide S S Castor oil concentrated S S Barium sulfate saturated S S Catsup S S Barium sulfite saturated S S Caustic soda S O Beer S S Cedar leaf oil U U Benzaldehyde S O Cedar wood oil	· · · · · · · · · · · · · · · · · · ·					
Antimony chloride S S Carbon dioxide (100% dry) S S Aqua Regia O U Carbon dioxide (100% wet) S S Aromatic hydrocarbons U U Carbon dioxide cold saturated S S Arsenic S S Carbon disulphide O U Aspirin S S Carbon monoxide S S Barium carbonate saturated S S Carbon tetrachloride U U B Carbonic acid S S Barium carbonate saturated S S Carnauba wax S S Barium carbonate saturated S S Carrot juice S S Barium hydroxide S S Castor oil concentrated S S Barium sulfate saturated S S Catsup S S Barium sulfite saturated S S Caustic soda S O Beer S S Cedar leaf oil U U Benzaldehyde S O Cedar wood oil U U				· · · · · · · · · · · · · · · · · · ·		
Aqua RegiaOUCarbon dioxide (100% wet)SSAromatic hydrocarbonsUUCarbon dioxide cold saturatedSSArsenicSSCarbon disulphideOUAspirinSSCarbon monoxideSSCarbon tetrachlorideUUUBCarbonic acidSSBarium carbonate saturatedSSCarnauba waxSSBarium carbonate saturatedSSCarrot juiceSSBarium hydroxideSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfite saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU				•		
Aromatic hydrocarbons Arsenic Aspirin Aspirin B Barium carbonate saturated Barium hydroxide Barium sulfate saturated S Carbon tetrachloride Carbonic acid S S Carrot juice S Carrot juice S Castor oil concentrated S S Castor oil concentrated S S Catsup S	·			· · · · · · · · · · · · · · · · · · ·		
Arsenic S S Carbon disulphide O U Aspirin S S S Carbon monoxide S S Carbon tetrachloride U U B Carbonic acid S S Barium carbonate saturated S S Carnauba wax S S Barium carbonate saturated S S Carrot juice S S Barium hydroxide S S Castor oil concentrated S S Barium sulfate saturated S S Catsup S S Barium sulfate saturated S S Catsup S S Barium sulfate saturated S S Caustic soda S O Beer S S Cedar leaf oil U U Benzaldehyde S O Cedar wood oil U U	. •			,		
Aspirin S S Carbon monoxide S S S Carbon tetrachloride U U U S Carbon tetrachloride S S S S Barium carbonate saturated S S Carnauba wax S S S Barium carbonate saturated S S Carrot juice S S S Barium hydroxide S S Castor oil concentrated S S S Castor oil concentrated S S S S Barium sulfate saturated S S Catsup S S S Barium sulfite saturated S S Caustic soda S O Beer S S Cedar leaf oil U U B S S Cedar wood oil	<i>,</i>					
Carbon tetrachloride U U B Carbonic acid S S Barium carbonate saturated S S Carnauba wax S S Barium carbonate saturated S S Carrot juice S S Barium hydroxide S S Castor oil concentrated S S Barium sulfate saturated S S Catsup S S Barium sulfate saturated S S Catsup S S Barium sulfate saturated S S Catsup S Catsup S S Catsup C Catsup S Catsup S Catsup S Catsup S Catsup S Catsup C C Catsup C C Catsup C C C C C C C C C C C C C C C C C C C						
BCarbonic acidSBarium carbonate saturatedSSBarium carbonate saturatedSSBarium hydroxideSSBarium sulfate saturatedSSBarium sulfite saturatedSSBarium sulfite saturatedSSBeerSCaustic sodaSBeerSCedar leaf oilUBenzaldehydeSO						
Barium carbonate saturatedSSCarnauba waxSSBarium carbonate saturatedSSCarrot juiceSSBarium hydroxideSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfite saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU	В					
Barium carbonate saturatedSSCarrot juiceSSBarium hydroxideSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfate saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU	Barium carbonate saturated	S	S			
Barium hydroxideSSCastor oil concentratedSSBarium sulfate saturatedSSCatsupSSBarium sulfite saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU						
Barium sulfate saturatedSSCatsupSSBarium sulfite saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU	Barium hydroxide	S				
Barium sulfite saturatedSSCaustic sodaSOBeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU	•					
BeerSSCedar leaf oilUUBenzaldehydeSOCedar wood oilUU	Barium sulfite saturated	S	S	· · · · · · · · · · · · · · · · · · ·		
,	Beer			Cedar leaf oil	U	U
Benzene O U Chlorine liquid O U	Benzaldehyde	S	0	Cedar wood oil	U	U
	Benzene	0	U	Chlorine liquid	0	U





Reagent	21ºC	60°C	Reagent	21ºC	60°C
Chlorobenzene Chloroform	0 U	U U	F Ferric chloride saturated	S	S
Chlorosulfonic acid (100%)	U	U	Ferric nitrate saturated	S	S
Chrome alum saturated	S	S	Ferrous ammonium citrate	S	S
Chromic acid (10-20%)	S	0	Ferrous chloride saturated	S	S
Chromic acid (50%)	S	0	Ferrous sulfate	S	S
Cider	S	S	Fluoboric acid	S	S
Cinnamon	S	S	Fluorine	S	U
Cinnamon oil	U	U	Fluosilicic acid (32%)	S	S
Citric acid saturated	S	S	Fluosilicic acid concentrated	S	S
Citronella oil	0	U	Formaldehyde (10-30%)	S	S
Cloves (ground)	S	S	Formaldehyde (30–40%)	S	0
Coconut oil alcohols	S	S	Formic acid (20%)	S	S
Cod liver oil	S	S	Formic acid (50%)	S	S
Coffee	S	S	Formic acid (100%)	S	S
Copper chloride saturated	S S	S S	Fructose saturated	S S	S U
Cooper cyanide saturated	S	S	Fuel oil Furfural (100%)	0	U
Copper fluor ide (2%) Copper nitrate saturated	S	S	Furfuryl alcohol	S	0
Copper sulfate dilute	S	S	Fulfulyi alcorloi	3	U
Copper sulfate saturated	S	S	G		
Corn oil	S	S	Gallic acid saturated	S	S
Cottonseed oil	S	S	Gasoline	S	U
Cranberry sauce	S	S	Glucose	S	S
Cresols	S	O	Glycerine	S	S
Cuprous chloride saturated	S	S	Glycol	S	S
Cuprous oxide	S	S	Glycolic acid (30%)	S	S
Cyclohexane	U	U	Grape juice	S	S
Cyclohexanone	U	U	Grapefruit juice	S	S
D			Н		
Decalin	S	S	Heptane	0	U
Detergents (synthetic)	S	S	Hexachlorobenzene	S	S
Developers (photogenic)	S	S	Hexane	U	U
Dextrin saturated	S	S	Hydrobromic acid (50%)	S	S
Dextrose saturated	S	S	Hydrochloric acid (10%)	S	S
Dibutyl ether	0	u	Hydrochloric acid (30%)	S	S
Dichlorobenzene (ortho and para)	Ü	Ü	Hydrochloric acid (35%)	S	S
Diethylene glycol	S	S	Hydrocyanic acid	S	S
Dioxane	S	S	Hydrocyanic acid saturated	S	S
Disodium phosphate	S	S	Hydrofluoric acid (40%)	S	S
·			Hydrofluoric acid (60%)	S	S
E			Hydrofluoric acid (75%)	S	S
Emulsions (photographic)	S	S	Hydrogen (100%)	S	S
Ether	0	0	Hydrogen bromide (10%)	S	S
Ethyl acetate (100%)	0	0	Hydrogen chloride dry gas	S	S
Ethyl alcohol (35%)	S	S	Hydrogen peroxide (30%)	S	0
Ethyl alcohol (100%)	S	S	Hydrogen sulfide	S	S
Ethylbenzene	0	U	Hydroquinone	S	S
Ethylene glycol	S	S	Hypochlorous acid concentrated	S	S





Reagent	21ºC	60°C	Reagent	21ºC	60°C
Inks Iodine crystals Isobutyl alcohol Isopropyl alcohol Isopropyl ether	S 0 S S 0	S O S S U	Nitric acid (0-30%) Nitric acid (30-50%) Nitric acid (70%) Nitric acid (95-98%) Nitrobenzene (100%) Nitroglycerine	S S U U O	S 0 0 U U
K Kerosene L	0	0	Octane Oleum concentrated Olive oil	S U S	S U S
Lactic acid (10%) Lactic acid (90%) Lanolin Lard Lead acetate saturated	S S S S	S S S S S	Orange juice Oxalic acid dilute Oxalic acid saturated Ozone	S S O	S S O
Lead nitrate Lemon juice Lemon oil Lime juice Linseed oil	S S O S S	S S U S S	Palm oil Paraffin oil Peanut butter Pepper (fresh ground) Peppermint oil	S S S O	S O S S U
Magnesium carbonate saturated Magnesium chloride saturated Magnesium hydroxide saturated Magnesium nitrate saturated Magnesium sulfate saturated Magnesium sulfate saturated Margarine Mercuric chloride Mercuric cyanide saturated Mercurous nitrate saturated Mercury Methyl alcohol (100%) Methyl ethyl ketone (100%) Methylene chloride (100%) Methylsulfuric acid Milk Mineral oils Molasses	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	\circ	Perchloric acid (50%) Perchloroethylene Petroleum ether Petroleum jelly Phenol Phosphoric acid (0-30%) Phosphoric acid (30-90%) Phosphoric acid (over 90%) Photographic solutions Phthalic anhydride Pickling baths Hydrochloric acid Sulfuric acid Sulfuric acid Sulfuric acid Fine oil Plating solutions Brass Cadmium		
N Naphtha Naphthalene Natural gas (wet) Nickel chloride saturated Nickel nitrate concentrated Nickel sulfate Nicotinic acid	S	S UUSSSS	Chromium Copper Gold Indium Lead Nickel Rhodium Silver Tin Zinc	555555555555555555555555555555555555555	5 5 5 5 5 5 5 5 5 5





Reagent	21ºC	60°C	Reagent	21ºC	60°C
Potassium bicarbonate saturated	S	S	Sodium hydroxide concentrated	S	S
Potassium borate (1%)	S	S	Sodium hypochlorite	S	S
Potassium bromate (10%)	S	S	Sodium nitrate		S
Potassium bromide saturated	S	S	Sodium nitrite	S S	S
Potassium carbonate	S	S	Sodium perborate	S	S
Potassium chlorate saturated	S	S	Sodium phosphate	S	S
Potassium chloride saturated	S	S	Sodium sulfide (25% to saturated)	S	S
Potassium chromate (40%)	S	S	Sodium sulfite saturated	S S	S S
Potassium cyanide saturated	S	S	Sodium thiosulphate	S	S
Potassium dichromate (40%)	S	S	Soybean oil	S	S
Potassium ferri / ferro cyanide	S	S	Stannic chloride saturated		S
Potassium nitrate saturated	S	S	Stannous chloride saturated	S S	S
Potassium perborate saturated	S	S	Starch solution saturated	S	S
Potassium perchlorate (10%)	S	S	Stearic acid (100%)	S	S
Potassium permanganate (20%)	S	S	Styrene	Ü	U
Potassium persulfate saturated	S	S	Sulfuric acid (0-50%)	S	S
Potassium sulfate concentrated	S	S	Sulfuric acid (70%)	S	0
Potassium sulfide concentrated	S	S	Sulfuric acid (80%)	S	U
Potassium sulfite concentrated	S	S	Sulfuric acid (96%)	0	U
Propane gas	S	S	Sulfuric acid (98% concentrated)	0	U
Propargyl alcohol	S	S	Sulfuric acid (fuming)	U	U
Propyl alcohol	S	S	Sulfurous acid	S	S
Propylene glycol	S	S	Juliulous acia	J	J
Pyridine	S	0	Т		
i yridii ic	J	U	Tannic acid (10%)	S	S
R			Tartaric acid	S	S
Rayon coagulating bath	S	S	Tea	S	S
Resorcinol	S	S	Tetrahydrofuran	0	0
IVESUI CITIOI	J	J	Toluene	U	U
S			Tomato juice	S	S
Salicylic acid	S	S	Transformer oil	S	0
Seawater Seawater	S	S	Trichloroethylene	U	U
Shortening	S	S	Trisodium phosphate saturated	S	S
Silicic acid	S	S	·	0	S U
	S		Turpentine	U	U
Silver nitrate solution	S	S S			
Soap solution concentrated			U	C	C
Sodium acetate saturated	S	S	Urea	S S	S S
Sodium benzoate (35%)	S	S	Urine	5	5
Sodium bicarbonate saturated	S	S	W		
Sodium bisulfate saturated	S	S	V	0	0
Sodium bisulfite saturated	S	S	Vanilla extract	S	S
Sodium borate	S	S	Vaseline	S	S
Sodium carbonate concentrated	S	S	Vinegar (commercial)	S	S
Sodium chlorate saturated	S	S			
Sodium chloride saturated	S	S	W	_	_
Sodium cyanide	S	S	Wetting agents	S	S
Sodium dichromate saturated	S	S	Whiskey	S S	S
Sodium ferricyanide	S	S	Wines	S	S
Sodium ferricyanide concentrated	S	S			
Sodium fluoride saturated	S	S			

HDPE Chemical Resistance Guide



Reagent	21°C 60°C Reagent	21°C 60°C
X Xylene	U U	
Y Yeast	S S	
Z Zinc chloride saturated Zinc oxide Zinc sulfate saturated	S S S S S	