

# AGES

TRANSFORMING IMAGINATION

**PROFITABLE & ADAPTABLE  
INDUSTRIAL SOLUTIONS**



**Material Handling &  
▶ Storage Solutions**

# Transforming Imagination...

## INTRODUCTION

Our “Vision, Mission and Goal” is customer centric as they remind us of our responsibility to be relevant in our life. We always strive to make world class products which are simple to make yet demonstrate high quality in terms of user friendliness and class. We do not compromise on Quality, Durability and Efficiency. We aspire to be a leader in the Plastic Industry by providing enhanced services, relationships and profitability. Keeping in mind Safety, Health and Peace of Mind, our products are blended with aesthetics and highest utility value. At AGES – Astrum Global Engineering Solutions, we are continuously “Transforming Imagination”.

## VISION

To provide quality products and services that exceed the expectations of our esteemed customers.

Keeping in mind “Transforming Imagination”, the vision is to become a benchmark company for plastic product development and manufacturing, with a laser focus on achieving customer delight, through innovations, world-Class solutions, global delivery platforms, knowledge and creating a great place to work.

## MISSION

To build long term relationships with our customers and provide exceptional customer services by pursuing business through innovations and advance technology.

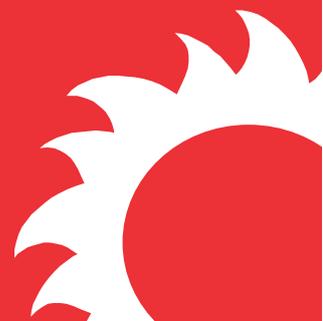
## CORE VALUES

We believe in treating our customers with respect and faith. We grow through creativity and innovations. We integrate honesty, integrity, and business ethics into all aspects of our business functioning

## GOAL

PAN India expansion in the field of Plastic Products and customized solutions to develop a strong base of customers and channel partners.

Building a better world





Unleashing the  
countless possibilities...



On the power  
of knowledge



Always keeping  
Pace with Time



A global outlook



Pushing the  
frontier of science



With new  
ideas & innovation



Embark on an enduring  
development Journey

# Chemical Storage Tanks

Cylindrical vertical tanks with closed top & flat bottom: ACST Series

## FEATURES

- 100% Virgin Raw-material Base • Excellent UV Resistance
- Moulded Out Of Superior Grade Of Polyethylene
- Produced Using Latest Manufacturing Technique
- Made Up Of Material With Best ESCR Property
- Excellent Compatibility With Large Number Of Chemicals
- Strong & Durable • Maintenance Free • Seamless Construction
- Excellent After Sales Support • Pan India Sales & Services Network

## RANGE & SPECIFICATIONS

Code No.	Capacity (Litres)	Dia. (mm)	Height (mm)	Manhole Size (mm)
ACST-500-01	500	910	955	400
ACST-1000-01	1000	1100	1240	400
ACST-2000-01	2000	1350	1600	400
ACST-5000-01	5000	2000	1910	510
ACST-7500-01	7500	2000	2880	510
ACST-10000-01	10000	2125	3160	510
ACST-15000-01	15000	2550	3580	510
ACST-20000-01	20000	2580	4600	510
ACST-25000-01	25000	3050	4070	510

\*Standard Color: Black

\$ Also available in double & triple wall construction as well as white color outside and black color inside  
# Chemical storage tanks must be installed strictly as per guidelines in our installation manual.



# Cylindrical Vertical Containers

Cylindrical vertical containers with open top: ACV Series

## FEATURES

- 100% Virgin Raw-material Base • Moulded Out Of Superior Grade Of Polyethylene
- Produced Using Latest Manufacturing Technique • Strong & Durable
- Made Up Of Material With Best ESCR Property • Seamless Construction
- Excellent Compatibility With Large Number Of Chemicals • Maintenance Free
- Excellent After Sales Support • Pan India Sales & Services Network
- Ideal for tablet storage & dosing applications

## RANGE & SPECIFICATIONS

Code No.	Capacity (Litres)	Top OD (mm)	Bottom OD (mm)	Height (mm)
ACV-40-01	40	445	315	480
ACV-50-01	50	430	410	440
ACV-60-01	60	420	400	560
ACV-80-01	80	460	410	705
ACV-100-01	100	515	475	625
ACV-120-01	120	570	500	635
ACV-200-01	200	580	565	900
ACV-300-01	300	780	730	830
ACV-500-01	500	820	735	1260
ACV-1000-01	1000	1080	1000	1410
ACV-1000-02	1000	1200	1120	1140
ACV-1500-01	1500	1400	1300	1275
ACV-2000-01	2000	1400	1300	1680

\*Standard Color: Natural White



# Processing Trolley

## APT Series

### FEATURES

- 100% Virgin Raw-Material base • Strong & Durable
- Excellent resistance to large number of chemicals
- Free from stains • Snag Free • Produced using latest manufacturing technique
- Moulded out of superior grades of polyethylene
- Large range to handle fabrics of all width
- Provision for drain • Excellent after sales support • Pan India Sales & Service Network
- Best suited for fabric weaving & dyeing applications

### RANGE & SPECIFICATIONS

Code No.	Capacity (Litres)	Length (mm)	Width (mm)	Height (mm)
APT-480-01	480	1015	870	760
APT-650-01	650	1320	870	760
APT-840-01	840	1620	870	760
APT-950-01	950	1330	1180	775
APT-1200-01	1200	1640	1180	770
APT-1450-01	1450	1940	1180	765
APT-2100-01	2100	2680	1250	815
APT-3000-01	3000	3650	1530	780

\*Standard Color: Natural White



# Stackable Crates

## Doff baskets / stackable crates: ADBS Series

### FEATURES

- 100% Virgin Raw-Material base • Strong & Durable
- Excellent resistance to large number of chemicals
- Free from stains • Snag Free
- Produced using latest manufacturing technique
- Moulded out of superior grades of polyethylene
- Excellent after sales support • Pan India Sales & Service Network
- Suitable for Doff / Bobbin storage in textile industry

### RANGE & SPECIFICATIONS

Code No.	Capacity (Litres)	Length (mm)	Width (mm)	Height (mm)
ADBS-20-01	20	405	305	225
ADBS-25-01	25	345	310	340
ADBS-50-01	50	525	365	320
ADBS-70-01	70	600	400	320
ADBS-80-01	80	600	400	390
ADBS-120-01	120	635	435	355
ADBS-220-01	220	810	540	545
ADBS-250-01	250	825	565	600
ADBS-300-01	300	940	630	535
ADBS-400-01	400	1090	720	645

\* Color options available



# Pallet Containers

## Pallet Containers: APLC Series

### FEATURES

- 100% Virgin Raw-Material base • Strong & Durable
- Excellent resistance to large number of chemicals
- Free from stains • Produced using latest manufacturing technique
- Moulded out of superior grades of polyethylene
- Provision for drainage can be made • Snag Free
- Compatible to racking/lifting systems
- Excellent after sales support • Pan India Sales & Service Network
- Suitable for storage on racking system in Food, Pharma & Textile industry.

### RANGE & SPECIFICATIONS

Code No.	Capacity (Litres.)	Length (mm)	Width (mm)	Height (mm)
APLC-500-01 (With Lid)	500	850	850	725
APLC-800-01 (With Lid)	800	1100	900	895
APLC-1000-01 (With Lid)	1000	1175	1000	1000

\* Color options available



# Electroplating / Pickling Tanks

## Rectangular Tanks: ART Series

### FEATURES

- 100% Virgin Raw-Material base • Strong & Durable
- Excellent resistance to large number of chemicals
- Free from stains • Snag Free
- Produced using latest manufacturing technology
- Moulded out of superior grades of polyethylene
- Excellent after sales support • Pan India Sales & Service Network
- Custom sizes can be developed • Used as liners for acid bath

### RANGE & SPECIFICATIONS

Code No.	Capacity (Litres)	Length (mm)	Width (mm)	Height (mm)
ART-480-01	480	1015	870	760
ART-650-01	650	1320	870	760
ART-840-01	840	1620	870	760
ART-950-01	950	1330	1180	775
ART-1200-01	1200	1640	1180	770
ART-1450-01	1450	1940	1180	765
ART-2100-01	2100	2680	1250	815
ART-3000-01	3000	3650	1530	780

\*Standard Color: Natural White



# Troughs

## Troughs: AT Series

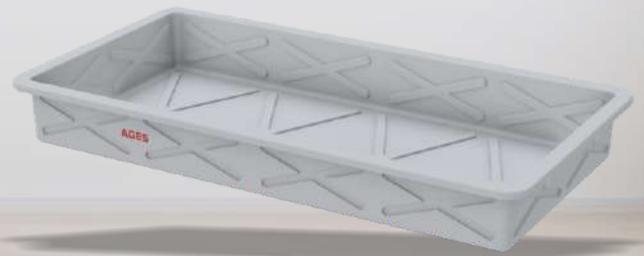
### FEATURES

- 100% Virgin Raw-material Base
- Moulded Out Of Superior Grade Of Polyethylene
- Produced Using Latest Manufacturing Technique
- Made Up Of Material With Best ESCR Property
- Excellent Compatibility With Large Number Of Chemicals
- Strong & Durable • Maintenance Free
- Seamless Construction
- Excellent After Sales Support
- Pan India Sales & Services Network
- Ideal for sludge drying applications

### RANGE & SPECIFICATIONS

Code No.	Capacity (Litres.)	Length (mm)	Width (mm)	Height (mm)
AT-40-01	400	1360	1360	310
AT-50-01	500	1300	1300	400
AT-80-01	800	2625	1375	320

\*Standard Color: Natural White



# Pallets

## Without Structure Series: APL Series

### FEATURES

- 100% Virgin Raw-Material base • Roto Moulded Pallets
- Strong & Durable • Compatible with all existing lifting systems
- Free from stains • Produced using latest manufacturing technique
- Moulded out of superior grades of polyethylene
- Snag Free • Easy to clean & wash
- Water-Moisture-Rot-Termite Proof • Cost Effective
- Excellent after sales support • Pan India Sales & Service Network

### RANGE & SPECIFICATIONS

Code No.	Length (mm)	Width (mm)	Height (mm)	Description	Static	Dynamic	Racking
APL-2 -0812-01	1200	800	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-2 -1010-01	1000	1000	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-2 -1012-01	1200	1000	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-2 -1212-01	1200	1200	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-4- 0909-01	900	900	320	9 Legs, plain top	YES	YES	NO
APL-4-1012-01	1200	1000	160	9 Legs, plain top	YES	YES	NO
APL-4-1212-01	1200	1200	160	9 Legs, plain top	YES	YES	NO
APL-4 -1212-02	1200	1200	160	3 Longitudinal skids, 4 way Entry, 2 way restricted entry from Length side, with plain top	YES	YES	NO

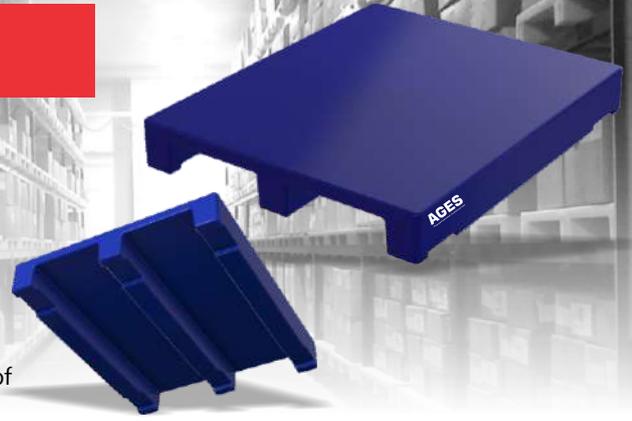
\* Color options available

# Pallets

## With Structure Series: APL Series

### FEATURES

- 100% Virgin Raw-Material base • Roto Moulded Pallets
- Strong & Durable • Compatible with all existing lifting system
- Free from stains • Produced using latest manufacturing technology
- Moulded out of superior grades of polyethylene • Cost Effective
- Snag Free • Easy to clean & wash • Water-Moisture-Rot-Termite Proof
- Excellent after sales support • Pan India Sales & Service Network



### RANGE & SPECIFICATIONS

Code No.	Length (mm)	Width (mm)	Height (mm)	Description	Static	Dynamic	Racking
APL-2-S-0812-01	1200	800	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-2-S-1010-01	1000	1000	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-2-S-1012-01	1200	1000	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-2-S-1212-01	1200	1200	160	3 Longitudinal skids, entry from width side, with plain top	YES	YES	YES
APL-4-S-0909-01	900	900	320	9 Legs, plain top	YES	YES	NO
APL-4-S-1012-01	1200	1000	160	9 Legs, plain top	YES	YES	NO
APL-4-S-1212-01	1200	1200	160	9 Legs, plain top	YES	YES	NO
APL-4-S-1212-02	1200	1200	160	3 Longitudinal skids, 4 way Entry, 2 way restricted entry from Length side, with plain top	YES	YES	NO

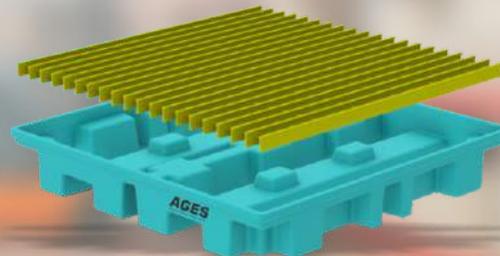
\* Color options available

# Spillage Pallet

## APL Series

### FEATURES

- 100% Virgin Raw-Material base • Strong & Durable
- Free from stains • Produced using latest manufacturing technology
- Moulded out of superior grades of polyethylene • Snag Free
- Provision for drainage can be made • Easy to drain oil & chemicals
- Resistance to most of chemicals • FRP gratings for excellent load bearing
- Storage space to hold spillage upto 175 litres
- Avoid monetary losses & supports shop floor housekeeping
- Excellent after sales support • Pan India Sales & Service Network



### RANGE & SPECIFICATIONS

Code No.	Length (mm)	Width (mm)	Height (mm)	Description	Static	Dynamic	Racking
APL-2 SL-1313-01	1300	1300	200	Spillage Pallet with FRP Gratings	YES	YES	NO

\* Standard Color: Light Blue | Dark Blue

# Insulated Boxes

## Multi purpose ice boxes: AIB Series

### FEATURES

- 100% Virgin Raw-Material base • Made from FDA approved grade of Polyethylene Made in double wall construction
- Polyurethane foam (PUF) being used for insulation • Produced using latest manufacturing technique
- Suitable for hot & cold storage • Accessories: High quality hardware & fittings • Drain hole & stackable
- Hygienic - Non Toxic - UV Resistant strong & durable quality • Leak proof, rust proof & corrosion free
- Built in space for printing & branding
- Ideal storage solution for dairy processed food and marine products • Excellent after sales support
- Pan India Sales & Service Network



### RANGE & SPECIFICATIONS

Code No.	Litres	Length (mm)	Width (mm)	Height (mm)	Product Features
AIB-20-01	20	360	290	320	Compact with Hinges and accessories
AIB-25-01	25	405	335	310	Available with Hinges & Accessories
AIB-50-01	50	580	405	380	Available with vending lid also with hinges and accessories
AIB-60-01	60	570	425	440	Available with vending lid also without Drain plug
AIB-100-01	100	770	545	460	Available with vending lid, Drain plug and standard hinges & Accessories
AIB-120-01	120	610	610	635	Available with vending lid also standard hinges & Accessories
AIB-150-01	150	850	600	540	Available with vending lid also, Drain hole with in-built pocket handle, 4 locks, Hinges & Accessories
AIB-220-1	220	950	580	700	Available with Vending Lid also, Lock, Suitable for transporting perishable items.

\* Standard Color: Red | Light Blue

# Insulated Fish Boxes & Shippers

## Insulated Fish Boxes: AFB Series

### FEATURES

- Material- FDA approved grades of polyethylene materials in double wall constructions.
- Polyurethane Foam- PUF being used for insulation.
- Accessories- High quality Hardware & fittings.
- Hygienic, nontoxic, UV Resistance, Strong and Durable
- Leak – Proof, rust-proof and corrosion free • Drain Hole and Stackable
- Temperature conditions- Hot and Cold storage for longer period
- Built in space for printing, Logo and Brand name.
- Ideal storage solution for Dairy, processed food industry and marine Products
- Excellent after sales support • Pan India Sales & Service Network



### RANGE & SPECIFICATIONS

Code No.	Litres	Length (mm)	Width (mm)	Height (mm)	Product Features
AFB-70-01	70	745	480	381	In-built hooks for lid closing with rubber clamps, threaded drain plugs-1 No for drainage
AFB-100-01	100	810	530	425	In-built hooks for lid closing with rubber clamps, threaded drain plugs-1 No for drainage
AFB-220-01	220	985	580	615	In-built hooks for lid closing with rubber clamps, threaded drain plugs-2 Nos for drainage
AFB-310-01	310	915	710	760	In-built hooks for lid closing with rubber clamps, threaded drain plugs-2 Nos for drainage
AFB-460-01	460	1225	1030	670	In-built hooks for lid closing with rubber clamps, threaded drain plugs-4 Nos for drainage
AFB-660-01	660	1220	1025	890	In-built hooks for lid closing with rubber clamps, threaded drain plugs-4 Nos for drainage

\* Standard Color: Red | Ivory

## Lending a hand to the environment

# Eco-green solutions

We are all aware of the literal meaning of the word eco-friendly. The world have evolved into a global village where pollution, disasters, diseases have spread to a maximum range. In this type of chaos, it is very necessary to preserve the earth and the living things that exist on it. As human beings and the dwellers of Mother Nature we have forgotten that we serve a responsibility to earth and by that it means keeping it safe and protecting its environment from such events.

Going eco-friendly also improves your quality of life in terms of mortality, age, diseases etc. You might have a better shot at living a quality life with health if you chose to go eco-friendly.

### QUALITY OF LIFE

It is true that purchasing an eco-friendly product will cost you less than purchasing a normal one. In this way you will be using your money in an effective manner.

### LOWER COST



The main aspect of going eco-friendly is about sustainability. Since the world is corrupted with pollution and toxic amount of materials, making it sustainable can be a good call.

### SUSTAINABILITY

Eco-friendly products for that matter guarantee you with a promise of healthier lifestyle. It will even improve the environment and in return will provide you with ample of benefits.

### HEALTHIER LIFESTYLE

## Safety is not automatic, think about it

# Road safety products

### FEATURES

- Made from superior grades of plastic material
- Unique Design
- Assured Quality
- Easy to clean, wash, paint and adaptable to all types of retro Reflective films
- UV stabilized and all weather resistant
- High impact resistant
- Customised sizes available
- Strong and durable
- Easy to handle and relocate
- Maintenance free
- Sand & water fillable



**INNOVATION. PASSION. FUN**

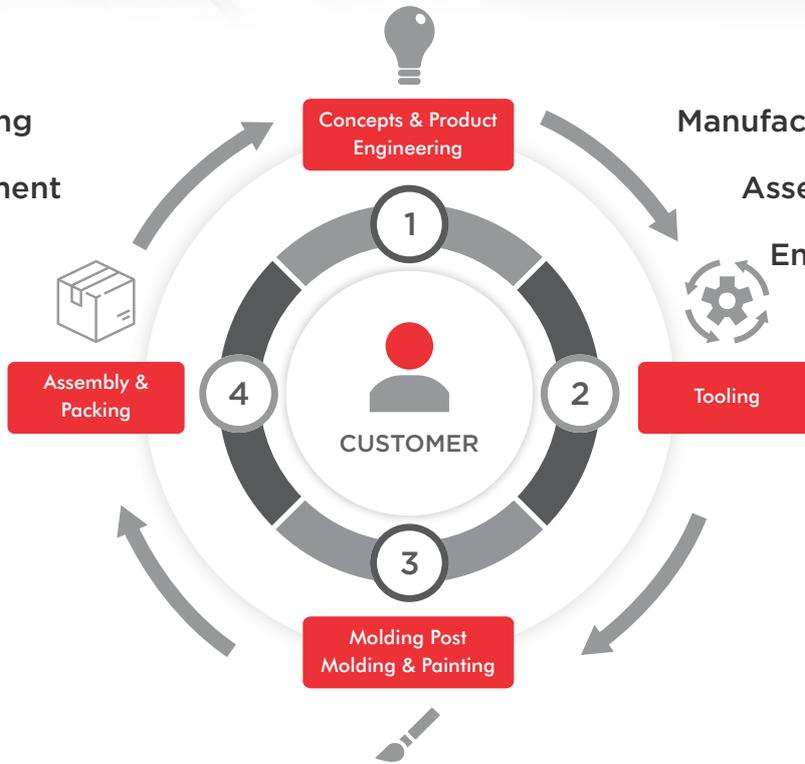
# Customized solutions

- Benchmarking

- Product engineering

- Program management

- Product delivery process (JIT)



- Quality control

- Manufacturing integration

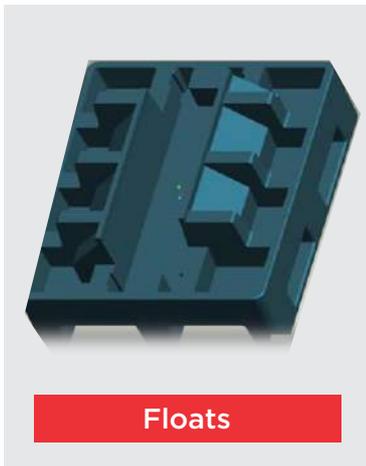
- Assembly sequencing

- Engineering change management

## Production and Process Control

- Design & Development
- Development of need base Pokayoke System for Key Customers
- In-house innovations in Jigs & Fixtures
- Plastic Fabrication

- Ability to Mould Threads, Metal Fittings & Inserts
- Assembly and Sub Component Assemblies
- Capable of Moulding Partial Baffles & Partitions
- Clean Environment Manufacturing Practices for needed products



Many more customized solutions available

# Chemical Resistance Chart for Polyethylene

Sr	Chemical	Concentration	20°c	60°c
1	Acetaldehyde	40%	0	N
2	Acetaldehyde	100%	0	N
3	Acetic Acid	10%	R	R
4	Acetic anhydride		N	N
5	Aceto-acetic-ester		R	R
6	Acetone		N	N
7	Acetonitrile		R	R
8	Acetyl salicylic acid		O	O
9	Acetylene		R	R
10	Acid acetic	100% aqueous	R	R
11	Acid acetic	60%	R	R
12	Acid acetic	Glacial	R	R
13	Acid adipic		R	O
14	Acid arsenic		R	R
15	Acid benzoic		R	R
16	Acid boric		R	R
17	Acid butyric		N	N
18	Acid carbonic		R	R
19	Acid chlorosulphonic		N	N
20	Acid chromic	Plating soln.	R	R
21	Acid citric		R	R
22	Acid cresylic (crud)		N	N
23	Acid fluorosilicic	40%	R	R
24	Acid fluorosilicon	Conc.	R	O
25	Acid Formic	3% aqueous	R	R
26	Acid Formic	10%	R	R
27	Acid Formic	25%	R	R
28	Acid Formic	50%	R	R
29	Acid Formic	100%	R	R
30	Acid Fumes		R	R
31	Acid gallic		R	R
32	Acid glycolic;	30%	R	R
33	Acid hydrobromic	50%Aqueous	R	R
34	Acid hydrobromic	100%	R	R
35	Acid hydrochloric	10% aqueous	R	R
36	Acid hydrochloric	22%	R	R
37	Acid hydrochloric	Conc	R	R
38	Acid hydrocyanic	10%	R	R
39	Acid hydrofluoric	4% aqueous	R	R
40	Acid hydrofluoric	40%	R	R
41	Acid hydrofluoric	66%	R	R
42	Acid hydrofluoric	Conc	R	R
43	Acid hypochlorous		R	R
44	Acid lactic	10%	H	R
45	Acid lactic	100%	R	R
46	Acid maleic	25% aqueous	R	R
47	Acid maleic	50%	R	R
48	Acid maleic	Conc	R	R
49	Acid methylsulphuric	50% aqueous	R	R
50	Acid Nicotinac		R	R
51	Acid nitric	5% aqueous	R	R
52	Acid nitric	10%	R	R
53	Acid nitric	35%	R	R
54	Acid nitric	50%	N	N
55	Acid nitric	70%	N	N
56	Acid nitric	95%	N	N

Sr	Chemical	Concentration	20°c	60°c
57	Acid oleic		N	N
58	Acid oxalic		R	R
59	Acid palmitic		R	R
60	Acid perchloric	10%	R	R
61	Acid phosphoric	25% aqueous	R	R
62	Acid phosphoric	30%	R	R
63	Acid phosphoric	50%	R	R
64	Acid phosphoric	90%	R	O
65	Acid phosphoric	95% aqueous	0	N
66	Acid picric		R	O
67	Acid saiiylic		R	R
68	Acid selenic		R	R
69	Acid silicic		R	R
70	Acid stearic		R	R
71	Acid sulphuric	10% aqueous	R	R
72	Acid sulphuric	20%	R	R
73	Acid sulphuric	30%	R	R
74	Acid sulphuric	40%	R	R
75	Acid sulphuric	50%	R	R
76	Acid sulphuric	60%	R	R
77	Acid sulphuric	70%	R	O
78	Acid sulphuric	98%	O	N
79	Acid sulphurous	10%	R	O
80	Acid sulphurous	30%	N	N
81	Acid tannic		R	R
82	Acrylonitrile		R	R
83	Acid tartaric	10%	R	R
84	Alcohol allyl		R	N
85	Alcohol amyl		R	R
86	Alcohol benzyl		N	N
87	Alcohol butyl		R	R
88	Alcohol cetyl		N	N
89	Alcohol ethyl	40% aqueous	R	R
90	Alcohol ethyl	100%	R	R
91	Alcohol isopropyl		R	R
92	Alcohol methyl	6% aqueous	R	R
93	Alcohol methyl	100%	R	R
94	Alcohol propargyl		R	R
95	Alcohol turfuryl		O	N
96	Alcoholoetyl		R	R
97	Alcohols		R	R
98	Aliphatic esters		R	R
99	Alkyl chlorides		R	R
100	Allyl chloride		O	N
101	Alum		R	R
102	Aluminium acetate		R	R
103	Aluminium chloride		R	R
104	Aluminium fluoride		R	R
105	Aluminium hydroxide		R	R
106	Aluminium oxalate		R	R
107	Aluminium sulphate		R	R
108	Ammonia	Aqueous soln.	R	R
109	Ammonia	s.g 0.88	R	R
110	Ammonia	Dry gas	R	R
111	Ammonium bicarbonate		R	R
112	Ammonium carbonate		R	R

Sr	Chemical	Concentration	20'c	60'c
113	Ammonium chloride		R	R
114	Ammonium Fluoride		R	R
115	Ammonium hydrosulphide		R	R
116	Ammonium hydroxide		R	R
117	Ammonium metaphosphate		R	R
118	Ammonium nitrate		R	R
119	Ammonium oxalate		R	R
120	Ammonium persnphate		R	R
121	Ammonium sulphate		R	R
122	Ammonium sulphide		R	R
123	Ammonium thiocyanate		R	R
124	Amyl acetate		N	N
125	Amyl Alcohol	100%	R	R
126	Amyl chloride	100%	N	N
127	Aniline		N	N
128	Aniline hydrochloride		N	N
129	Aniline sulphate		O	N
130	Animal oils		O	N
131	Antimony trichloride		R	R
132	Antimony		R	R
133	Aqua regia	Conc.	N	N
134	Arcton 6		O	N
135	Aromatic Hydrocarbons		N	N
136	Aromatic solvents		R	N
137	Arsenic Salts		R	R
138	Ascorbic acid	10%	R	R
139	Barium Carbonate		R	R
140	Barium chloride		R	R
141	Barium hydroxide		R	R
142	Barium sulphate		R	R
143	Barium sulphide		R	R
144	Beer		R	R
145	Benzaldehyde		N	N
146	Benzene		N	N
147	Benzoyl peroxide		O	O
148	Bismuth carbonate		R	R
149	Bleach Lye	10%	R	R
150	Borax		R	R
151	Boron trifluoride		R	R
152	Brine		R	R
153	Bromide(K) solu.		R	R
154	Bromine	Dry gas	N	N
155	Bromine liquid		N	N
156	Bromine water,Saturated aqueous		N	N
157	Butane		R	R
158	Butanediol		R	R
159	Butter		R	R
160	Butyraldehyde		N	N
161	Cadmium plating solu.		R	R
162	Calcium bisulphite		R	R
163	Calcium carbonate		R	R
164	Calcium chlorate		R	R
165	Calcium chloride	Aqueous Soln.	R	R
166	Calcium hydrochlorite		R	R
167	Calcium hydroxide		R	R
168	Calcium nitrate		R	R
169	Calcium phosphate		R	R
170	Calcium sulphate		R	R
171	Calsium oxied		R	R
172	Camphor oil		O	N
173	Carbon dioxide		R	R
174	Carbon disulphide		N	N
175	Carbon monoxide		R	R
176	Carbon terachlor'ide		O	N
177	Castor oil		R	R
178	Cellulose paint		R	R
179	Chemical photograohic solu.		R	R
180	Chloral hydrate		N	N
181	Chlorine	Dry gas	N	N
182	Chlorine	Liquid	N	N

Sr	Chemical	Concentration	20'c	60'c
183	Chlorine water	2% aqueous	R	R
184	Chlorine water	Sat.soln.	R	N
185	Chlorine Water		R	R
186	Chloroacetic acid		R	R
187	Chlorobenzene		N	N
188	Chloroform		O	N
189	Chrome alum		R	O
190	Cider		R	R
191	Coffee		R	R
192	Cola concentrates		R	R
193	Copper chloride		R	R
194	Copper cyanide		R	R
195	Copper fluoride		R	R
196	Copper nitrate		R	R
197	Copper sulphate		R	R
198	Corn Oil		R	R
199	cottonseed Oil		R	R
200	Covonat Oil		R	R
201	Creosote		N	N
202	Cresols		N	N
203	Cupric chloride		R	R
204	Cupric nitrate		R	R
205	Cyclohexanone		N	N
206	Cyclohexanol		N	N
207	Detergents, synthetic	(Normal User Condition)	R	R
208	Developers, photographic		R	R
209	Dextrin		R	R
210	Dextrose		R	R
211	Diazo Salt		R	R
212	Dibuty Phthalate		O	O
213	Dichlorobenzene		N	N
214	Diethyl ether		N	N
215	Diethyl glycol		R	R
216	Diethylketone		O	O
217	Dimethyl carbinol		R	O
218	Dimethylamine		N	N
219	Diocetyl phthalate		O	N
220	Disodium phosphate		R	R
221	Emulsifiers	All conc.	R	R
222	Emulsions, photographic		R	R
223	Esters		O	O
224	Ether		N	N
225	Ethyl acetate		O	N
226	Ethyl Benzene		N	N
227	Ethyl butyrate		O	N
228	Ethyl chloride		N	N
229	Ethyl Ether		N	N
230	Ethyl formate		N	N
231	Ethylene chloride		N	N
232	Ethylene dichloride		N	N
233	Ethylene glycol		R	R
234	Ethylene oxide		R	O
235	Fatty acid(>C6)		R	R
236	Ferric chloride		R	R
237	Ferric nitrate		R	R
238	Ferric sulphate		R	R
239	Ferrous ammonium citrate		R	R
240	Ferrous chloride		R	R
241	Ferrous sulphate		R	R
242	Fish solubles		R	R
243	Fixing solution, photographic		R	R
244	Fluoboric Acid		R	R
245	Fluorine		O	N
246	Fluorosilic acid		R	R
247	Flurinated refrigerants		R	N
248	Formoldehyde	40% aqueous	R	R
249	Fructose		R	R
250	Fruit pulp		R	R
251	Fuel oil		O	N
252	Furfural		O	N

Sr	Chemical	Concentration	20'c	60'c
253	Furfuryl Alcohol		R	R
254	Gasoline		O	O
255	Gelatine		R	R
256	Gin		R	R
257	Giucose		R	R
258	Glycerine		R	-R
259	Glycol		R	R
260	Grapesugar	Sat.Soln.alc	R	R
261	Heptane		a	0
262	Hertiary Hexanol		R	R
263	Hexachlorobenzene		R	O
264	Hexadecanol		N	N
265	Hexamethylene diamine		R	R
266	Hexamine		R	R
267	Hexanol, Tertiary		R	R
268	Hydrazine		R	R
269	Hydrogen		R	R
270	Hydrogen bromide Dry		R	R
271	Hydrogen chloride Dry		R	R
272	Hydrogen peroxide	3% (10vols)	R	R
273	Hydrogen peroxide	12% (14vols)	R	R
274	Hydrogen peroxide	30% (1 00 vols)	R	N
275	Hydrogen peroxide	90% & above	R	N
276	Hydrogen phosphide		R	R
277	Hydrogen sulphide		R	R
278	Hydroquinone		R	R
279	Hypochlorites		R	R
280	Hypochlorites(Na 12-14%)		R	R
281	Inks	Soln.	R	R
282	Iodine.	Soln. in pot	0	N
283	Lead acetate	Sat.Soln.	R	R
284	Lead arsenate		R	R
285	Lead nitrate		R	R
286	Lead perchlorate		O	O
287	Lead plating		R	R
288	Lead tera-ethyl		R	R
289	Lime(CaO)		R	R
290	Linseed oil		0	N
291	Liquid chloride		N	N
292	Lube oil		N	N
293	Lye		R	R
294	Maganese sulphate		R	R
295	Magnesium carbonate		R	R
296	Magnesium chloride		R	R
297	Magnesium hydroxide		R	R
298	Magnesium nitrate		R	R
299	Magnesium sulphate		R	R
300	Manganate,potassium(k)		R	R
301	Meat juices		R	R
302	Mercuric chloride		R	R
303	Mercuric cyanide		R	R
304	Mercurous nitrate		R	R
305	Mercury		R	R
306	Metallic soaps		R	O
307	Methanol		R	N
308	Methyl acetate		N	N
309	Methyl bromide		N	N
310	Methyl chloride		N	N
311	Methyl ethyl ketone		0	N
312	Methyl isobutyl ketone		N	N
313	Methylated spirit		R	R
314	Methylene chloride		0	N
315	Methylene chloride	100%	O	N
316	Milk		R	R
317	Mineral Oils		R	0
318	Moist air		R	R
319	Molasses		R	R
320	Monochlarbenzene		N	N
321	Monoethanolamine		N	N
322	Naphtha		0	N

Sr	Chemical	Concentration	20'c	60'c
323	Naphthalene		0	N
324	n-Bytyl acetate		N	N
325	Nickel sulphate		R	R
326	Nicket Chloride		R	R
327	Nicket nitrate		R	R
328	Nicket plating Solu.		R	R
329	Nicotine		R	R
330	Nitrobenzene		N	N
331	n-Octane		R	R
332	n-Propyl Alcohol		R	R
333	Oxygen		R	O
334	Ozone		N	N
335	Paraffin		0	N
336	Pentachloride		R	R
337	Perchloroethylene		N	N
338	Petrol		N	N
339	Petroleum ether		N	N
340	Phenol		N	N
341	Phenol		R	R
342	Phosgene	Gas	R	N
343	Phosphorous oxychloride		N	N
344	Phosphorous pentoxide		R	R
345	Phosphorous trichloride		R	R
346	Photographic developers		R	R
347	Photographic emulsions		R	R
348	Photographic fixing solution		R	R
349	Phthalic acid		R	R
350	Polyacrylic acid emulsion		R	R
351	Potassium acid sulphate		R	R
352	Potassium antimonate		R	R
353	Potassium bicarbonate		R	R
354	Potassium bisulp,hide		R	R
355	Potassium bisulphide		R	R
356	Potassium borate		R	R
357	Potassium bromate		R	R
358	Potassium bromide		R	R
359	Potassium carbonate		R	R
360	Potassium chlorate		R	R
361	Potassium chloride,		R	R
362	Potassium chromate		R	R
363	Potassium cuprocyanide		R	R
364	Potassium cyanide		R	R
365	Potassium dichromate		O	N
366	Potassium Ferocynide		R	R
367	Potassium Fluoride		R	R
368	Potassium hydroxide	1 % aqueous	O	N
369	Potassium hydroxide	10%	R	R
370	Potassium hydroxide	Conc	O	N
371	Potassium hypochlorite		R	R
372	Potassium nitrate		R	R
373	Potassium perborate		R	R
374	Potassium perchlorate		R	R
375	Potassium permanganate		R	R
376	Potassium persulphate		R	R
377	Potassium phosphate		R	R
378	Potassium sulphate		R	R
379	Potassium sulphide		R	R
380	Potassium sulphite		R	R
381	Potassium Terricyanide		R	R
382	Potassium thiosulphate		R	R
383	Propylene chloride		R	R
384	Propylene dichloride		N	N
385	Propylene glycol		R	N
386	Pyridine		R	R
387	Resorcinol		R	R
388	Salicyl aldehyde		R	R
389	Sea water		R	N
390	shortening		R	R
391	Silicone fluids		0	N
392	Silver cyanide		R	R

Sr	Chemical	Concentration	20'c	60'c
393	Silver nitrate		R	R
394	Silver plating Solu.		R	R
395	Soap solution		R	R
396	Sodium acetate	Saturated Sol	R	R
397	Sodium acid sulphate		R	R
398	Sodium aluminate		R	R
399	Sodium antimonate		R	R
400	Sodium benzoate		R	R
401	Sodium bicarbonate		R	R
402	Sodium bisulphate		R	R
403	Sodium bisulphite		R	R
404	Sodium borate		R	R
405	Sodium bromide		R	R
406	Sodium carbonate		R	R
407	Sodium chlorate		R	R
408	Sodium chloride		R	R
409	Sodium cyanide		R	R
410	Sodium dichromate		R	R
411	Sodium ferricyanide		R	R
412	Sodium ferrocyanide		R	R
413	Sodium fluoride		R	R
414	Sodium hydroxide	1% aqueous	R	R
415	Sodium hydroxide	10%	R	R
416	Sodium hydroxide	40%	R	R
417	Sodium hydroxide	Cone.	R	R
418	Sodium hypochloride	15% chlorine	R	R
419	Sodium hypochlorite		R	R
420	Sodium metaphosphate		R	R
421	Sodium nitrate		R	R
422	Sodium nitrite		R	R
423	Sodium Paraborate		R	R
424	Sodium peroxide		R	R
425	Sodium phosphate		R	R
426	Sodium silicate		R	R
427	Sodium sulphate	25%Aqueous	R	R
428	Sodium sulphate	Conc	R	R
429	Sodium sulphide		R	R
430	Sodium sulphite		R	R
431	Sodium thiosulphate		R	R
432	Sodiumperborate		R	R
433	Soft soap		R	R
434	Stannic chloride		R	R
435	Stannous chloride		R	R
436	Strach		R	R

Sr	Chemical	Concentration	20'c	60'c
437	Sugar syrups & Jams		R	R
438	Sulphamic acid		O	O
439	Sulphar chlorides		R	R
440	Sulphur	Callodial	R	R
441	Sulphur	Dry	R	R
442	Sulphur	Moist	R	R
443	Sulphur trioxide		N	N
444	Surace active agents	Normal	R	R
445	Tallow		R	R
446	Tanning extracts		R	R
447	Tatrahydofuran		O	N
448	Tetrahydronaphthalene		N	N
449	Tin Plating Solu.		N	N
450	Titanium tetrachloride		N	N
451	Titanium trichloride		N	N
452	Toluene		O	O
453	Transform oil		O	N
454	Trichlore thylene		N	N
455	Trichloro benzene		N	N
456	Triethylene Glycol		R	R
457	Trisodium phosphate		R	R
458	Tristhanolamine		O	N
459	Tritoiyl phosphate		N	N
460	Trricrsyl phosphate		O	N
461	Turpentine		O	N
462	Uria		R	R
463	Urine		R	R
464	Vanilla extract		R	R
465	Vegetabil oils		O	N
466	Vineger		R	R
467	Water		R	R
468	Wetting agents	Normal	R	R
469	Wetting agents	Dilutions	R	R
470	Whey		R	O
471	Whiskey		R	O
472	Wine and spirit		R	R
473	Xylene		O	O
474	Yeast		R	R
475	Zinc Bromide		R	R
476	Zinc carbonate		R	R
477	Zinc chloride		R	R
478	Zinc oxide		R	R
479	Zinc stearate		R	R
480	Zinc sulphate		R	R

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