

WORLD HOLIDAYS

JANUARY	1 World Holidays	2 Japan	3 Taiwan	4 Austria	5 Colombia	6 Finland	7 Greece	8 Italy	9 Spain	10 Sweden	11 Russia	12 USA	13 Australia	14 India	15 Hong Kong	16 Korea	17 Taiwan	18 China	19 Germany	20 Malaysia	21 Singapore	22 Philippines	23 Brazil	24 Mexico	25 New Zealand	26-16 Islamic Holidays	27 Saudi Arabia	28 Indonesia	29 Iran	30 Japan	31 Singapore
FEBRUARY	1 China	2 Hong Kong	3 Korea	4 Singapore	5 Taiwan	6 Korea	7 Singapore	8 China	9 Hong Kong	10 Germany	11 Malaysia	12 Singapore	13 Taiwan	14 USA	15 Philippines	16 Russia	17 Philippines	18 Brazil	19 Spain	20 China	21 Colombia	22 Czech Republic	23 Korea	24 Brazil	25 Australia	26 Luxembourg	27 Venezuela	28 Brazil	29 Indonesia	30 Portugal	31 Venezuela
MARCH	1 Brazil	2 Korea	3 Australia	4 Brazil	5 Luxembourg	6 Venezuela	7 Brazil	8 Indonesia	9 Portugal	10 Venezuela	11 Iran	12 Colombia	13 Venezuela	14 Brazil	15 Australia	16 Greece	17 Taiwan	18 Greece	19 Austria	20 Poland	21 Thailand	22 Malaysia	23 Singapore	24 South Africa	25 Australia	26 Eire	27 Colombia	28 Japan	29 Poland	30 Greece	31 Taiwan
APRIL	1 Iran	2 Indonesia	3 UK	4 Taiwan	5 Hong Kong	6 Korea	7 Thailand	8 Taiwan	9 Malaysia	10 Philippines	11 Philippines	12 Australia	13 Malaysia	14 Indonesia	15 Colombia	16 Denmark	17 Israel	18 Mexico	19 Argentina	20 Argentina	21 Brazil	22 Colombia	23 Italy	24 Mexico	25 Norway	26 Philippines	27 Mexico	28 Argentina	29 Argentina	30 Philippines	31 Indonesia
MAY	1 Argentina	2 Austria	3 Belgium	4 Chile	5 Finland	6 France	7 Italy	8 Luxembourg	9 Mexico	10 Canada	11 Chile	12 Colombia	13 Argentina	14 USA	15 Mexico	16 Canada	17 Chile	18 Colombia	19 Mexico	20 Canada	21 Chile	22 Colombia	23 Argentina	24 USA	25 Mexico	26 Canada	27 Chile	28 Colombia	29 Mexico	30 Canada	31 Chile
JUNE	1 Argentina	2 Austria	3 Belgium	4 Chile	5 Finland	6 France	7 Italy	8 Luxembourg	9 Mexico	10 Canada	11 Chile	12 Colombia	13 Argentina	14 USA	15 Mexico	16 Canada	17 Chile	18 Colombia	19 Mexico	20 Canada	21 Chile	22 Colombia	23 Argentina	24 USA	25 Mexico	26 Canada	27 Chile	28 Colombia	29 Mexico	30 Canada	31 Chile
JULY	1 Canada	2 Hong Kong	3 Thailand	4 Taiwan	5 USA	6 Czech Republic	7 Mexico	8 Colombia	9 Austria	10 Russia	11 Belgium	12 Canada	13 Colombia	14 USA	15 Mexico	16 Canada	17 Chile	18 Colombia	19 Mexico	20 Canada	21 Chile	22 Colombia	23 Argentina	24 USA	25 Mexico	26 Canada	27 Chile	28 Colombia	29 Mexico	30 Canada	31 Chile
AUGUST	2 China	3 Canada	4 Australia	5 Japan	6 Mexico	7 South Africa	8 Colombia	9 UK	10 Taiwan	11 Hong Kong	12 Korea	13 Thailand	14 Taiwan	15 Malaysia	16 Philippines	17 Philippines	18 Australia	19 Malaysia	20 Indonesia	21 Colombia	22 Denmark	23 Israel	24 Mexico	25 Norway	26 Philippines	27 Mexico	28 Argentina	29 Argentina	30 Philippines	31 Indonesia	
SEPTEMBER	1 Canada	2 Chile	3 Luxembourg	4 USA	5 Brazil	6 Sweden	7 Venezuela	8 Chile	9 Argentina	10 Mexico	11 Canada	12 Chile	13 Colombia	14 USA	15 Mexico	16 Canada	17 Chile	18 Colombia	19 Mexico	20 Canada	21 Chile	22 Colombia	23 Argentina	24 USA	25 Mexico	26 Canada	27 Chile	28 Colombia	29 Mexico	30 Canada	31 Chile
OCTOBER	1 China	2 Hong Kong	3 China	4 Korea	5 Austria	6 Israel	7 Taiwan	8 Israel	9 Argentina	10 Brazil	11 Chile	12 Mexico	13 Sweden	14 Venezuela	15 Canada	16 Colombia	17 USA	18 Mexico	19 Canada	20 Chile	21 Colombia	22 Argentina	23 USA	24 Mexico	25 Canada	26 Chile	27 Colombia	28 Argentina	29 USA	30 Mexico	31 Canada
NOVEMBER	1 Austria	2 Belgium	3 Chile	4 Finland	5 France	6 Italy	7 Luxembourg	8 Mexico	9 Canada	10 Chile	11 Colombia	12 Argentina	13 USA	14 Mexico	15 Canada	16 Chile	17 Colombia	18 Argentina	19 USA	20 Mexico	21 Canada	22 Chile	23 Colombia	24 Argentina	25 USA	26 Mexico	27 Canada	28 Chile	29 Colombia	30 Argentina	31 USA
DECEMBER	1 Portugal	2 Thailand	3 Finland	4 Korea	5 Spain	6 Argentina	7 Austria	8 Brazil	9 Chile	10 Colombia	11 Italy	12 Portugal	13 Spain	14 Thailand	15 Mexico	16 Russia	17 South Africa	18 Japan	19 Brazil	20 Sweden	21 Korea	22 World Holidays	23 World Holidays	24 World Holidays	25 Hong Kong	26 Brazil	27 Argentina	28 Philippines	29 Japan	30 Philippines	31 Indonesia

Tecnon OrbiChem

2003 YEARPLANNER

MONTHLY NEWSLETTERS
23 newsletters, between them covering all the commodity petrochemicals, providing authoritative descriptions of the factors that are shaping markets and determining prices.

ASSESSMENT OF BUSINESS IN CHEMICALS
Production economics of the main petrochemicals, profitability over recent years, compared with past and future supply-demand balances to provide empirical price forecasts.

S/Db-CHEM DATABASES AND SURVEYS
Supply and demand databases for selected petrochemicals, with country, region and world totals, historically and for the next 10 years, correlated with world trade.

ANORGANICA
Monthly newsletters and world supply-demand databases on caustic soda, soda ash, chlorine, and chlorine derivatives, plus individual studies on inorganic chemicals.

To learn more about Tecnon OrbiChem's services on the Internet visit our web site or send us an e-mail message.
WEB: <http://www.orbichem.com>
E-mail: enquiries@orbichem.com

CHEMICAL CONVERSION FACTORS

Tons of raw material required for 1 ton of product under world average conditions, not necessarily representative of best modern technology.

ACETALDEHYDE TO:	Acetic Acid 0.75	Polyethylene-LD 1.03
	Ethyl Acetate 1.10	Styrene 0.29
ACETIC ACID TO:	Buyl Acetate 0.53	Vinyl Acetate 0.32
	Ethyl Acetate 0.69	Vinyl Chloride 0.49
	Vinyl Acetate 0.75	2-ETHYLHEXANOL TO:
		Diethyl Phthalate 0.69
ACETONE TO:	Acetone cyanohydrin 0.76	ETHYLENE OXIDE TO:
	Bisphenol A 0.29	MEG (only) 0.72
		Ethanolamines 0.82
ACRYLONITRILE TO:	Nylon 66 Resin 0.66	HMDA TO:
	ABS 0.25	Nylon 66 Resin 0.52
	Acrylic Fibre 0.97	ISOCYANATES TO:
	Nitrile Rubber 0.35	Rigid PU foam (MDI) 0.60
		Flex. PU foam (TDI) 0.35
ADIPIC ACID TO:	Nylon 66 Resin 0.66	ORTHOXYLENE TO:
		Phthalic Anhydride 0.96
BENZENE TO:	Alkylbenzene 0.38	PARAXYLENE TO:
	Aniline 0.88	DMT 0.64
	Cumene 0.70	PTA 0.67
	Cyclohexane 0.94	PHENOL TO:
	Ethylbenzene 0.76	Bisphenol A 0.88
	Styrene 0.79	Caprolactam 0.89
	Maleic Anhydride 1.15	Phenolic Resin 0.82
BIPHENOL A TO:	Epoxy Resin 0.75	PHTHALIC ANHYDRIDE TO:
	Polycarbonate Resin 0.91	Diethyl Phthalate 0.39
BUTADIENE TO:	ABS Resins 0.25	Diethyl Phthalate 0.39
	Chloroprene 0.80	Diethyl Phthalate 0.39
	Nitrile Rubber 0.66	Diethyl Phthalate 0.39
	Polybutadiene Rubber 1.00	Diethyl Phthalate 0.39
	SBR 0.60	Diethyl Phthalate 0.39
CAPROLACTAM TO:	Nylon 66 Resin 1.02	Diethyl Phthalate 0.39
		Diethyl Phthalate 0.39
CUMENE TO:	Phenol 1.35	Diethyl Phthalate 0.39
	MEG (only) 2.25	Diethyl Phthalate 0.39
CYCLOHEXANE TO:	Adipic Acid 0.72	Diethyl Phthalate 0.39
	Caprolactam 1.03	Diethyl Phthalate 0.39
DICHLOROETHANE (EDC) TO:	VCN 1.62	Diethyl Phthalate 0.39
		Diethyl Phthalate 0.39
DMT TO:	PES Film 1.08	Diethyl Phthalate 0.39
	PES Resin 1.10	Diethyl Phthalate 0.39
	PET Resin/PES Staple 1.02	Diethyl Phthalate 0.39
		Diethyl Phthalate 0.39
ETHYLENE TO:	Styrene 1.08	Diethyl Phthalate 0.39
		Diethyl Phthalate 0.39
ETHYLENE OXIDE TO:	Acetaldehyde 0.67	Diethyl Phthalate 0.39
	Ethanol 0.63	Diethyl Phthalate 0.39
	Ethylbenzene 0.26	Diethyl Phthalate 0.39
	EDC 0.29	Diethyl Phthalate 0.39
	Ethylene Oxide 0.84	Diethyl Phthalate 0.39
	MEG (only) 0.60	Diethyl Phthalate 0.39
	Polyethylene-HD 1.05	Diethyl Phthalate 0.39

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Wednesday Week 1 1	Saturday 1 1	Saturday 1 1	Tuesday 1 1	Monday Week 19 1	Monday Week 23 1	Tuesday 1 1	Monday Week 32 1	Monday Week 36 1	Monday Week 41 1	Monday Week 45 1	Monday Week 49 1
Thursday 2 2	Sunday 2 2	Sunday 2 2	Wednesday 2 2	Tuesday 2 2	Tuesday 2 2	Wednesday 2 2	Tuesday 2 2	Tuesday 2 2	Tuesday 2 2	Tuesday 2 2	Tuesday 2 2
Friday 3 3	Monday Week 2 3	Monday Week 10 3	Thursday 3 3	Wednesday 3 3	Wednesday 3 3	Thursday 3 3	Wednesday 3 3	Wednesday 3 3	Wednesday 3 3	Wednesday 3 3	Wednesday 3 3
Saturday 4 4	Tuesday 4 4	Tuesday 4 4	Friday 4 4	Thursday 4 4	Thursday 4 4	Friday 4 4	Thursday 4 4	Thursday 4 4	Thursday 4 4	Thursday 4 4	Thursday 4 4
Sunday 5 5	Wednesday 5 5	Wednesday 5 5	Saturday 5 5	Friday 5 5	Friday 5 5	Saturday 5 5	Friday 5 5	Friday 5 5	Friday 5 5	Friday 5 5	Friday 5 5
Monday Week 2 6	Thursday 6 6	Thursday 6 6	Sunday 6 6	Saturday 6 6	Saturday 6 6	Sunday 6 6	Saturday 6 6	Monday Week 36 6	Monday Week 41 6	Monday Week 45 6	Monday Week 49 6
Tuesday 7 7	Friday 7 7	Friday 7 7	Monday 7 7	Sunday 7 7	Sunday 7 7	Monday 7 7	Sunday 7 7	Tuesday 7 7	Tuesday 7 7	Tuesday 7 7	Tuesday 7 7
Wednesday 8 8	Thursday 8 8	Thursday 8 8	Tuesday 8 8	Monday 8 8	Monday 8 8	Tuesday 8 8	Monday 8 8	Wednesday 8 8	Wednesday 8 8	Wednesday 8 8	Wednesday 8 8
Thursday 9 9	Friday 9 9	Friday 9 9	Wednesday 9 9	Tuesday 9 9	Tuesday 9 9	Wednesday 9 9	Tuesday 9 9	Thursday 9 9	Thursday 9 9	Thursday 9 9	Thursday 9 9
Friday 10 10	Saturday 10 10	Saturday 10 10	Thursday 10 10	Wednesday 10 10	Wednesday 10 10	Thursday 10 10	Wednesday 10 10	Friday 10 10	Friday 10 10	Friday 10 10	Friday 10 10
Saturday 11 11	Sunday 11 11	Sunday 11 11	Friday 11 11	Thursday 11 11	Thursday 11 11	Friday 11 11	Thursday 11 11	Saturday 11 11	Saturday 11 11	Saturday 11 11	Saturday 11 11
Monday Week 3 12	Tuesday 12 12	Tuesday 12 12	Saturday 12 12	Friday 12 12	Friday 12 12	Saturday 12 12	Friday 12 12	Sunday 12 12	Sunday 12 12	Sunday 12 12	Sunday 12 12
Tuesday 13 13	Wednesday 13 13	Wednesday 13 13	Sunday 13 13	Saturday 13 13	Saturday 13 13	Sunday 13 13	Saturday 13 13	Monday Week 37 13	Monday Week 42 13	Monday Week 46 13	Monday Week 50 13
Wednesday 14 14	Thursday 14 14	Thursday 14 14	Monday 14 14	Sunday 14 14	Sunday 14 14	Monday 14 14	Sunday 14 14	Tuesday 14 14	Tuesday 14 14	Tuesday 14 14	Tuesday 14 14
Thursday 15 15	Friday 15 15	Friday 15 15	Tuesday 15 15	Monday 15 15	Monday 15 15	Tuesday 15 15	Monday 15 15	Wednesday 15 15	Wednesday 15 15	Wednesday 15 15	Wednesday 15 15
Friday 16 16	Saturday 16 16	Saturday 16 16	Wednesday 16 16	Tuesday 16 16	Tuesday 16 16	Wednesday 16 16	Tuesday 16 16	Thursday 16 16	Thursday 16 16	Thursday 16 16	Thursday 16 16
Saturday 17 17	Sunday 17 17	Sunday 17 17	Thursday 17 17	Wednesday 17 17	Wednesday 17 17	Thursday 17 17	Wednesday 17 17	Friday 17 17	Friday 17 17	Friday 17 17	Friday 17 17
Sunday 18 18	Monday Week 4 18	Monday Week 12 18	Friday 18 18	Thursday 18 18	Thursday 18 18	Friday 18 18	Thursday 18 18	Saturday 18 18	Saturday 18 18	Saturday 18 18	Saturday 18 18
Monday 19 19	Tuesday 19 19	Tuesday 19 19	Saturday 19 19	Friday 19 19	Friday 19 19	Saturday 19 19	Friday 19 19	Sunday 19 19	Sunday 19 19	Sunday 19 19	Sunday 19 19
Tuesday 20 20	Wednesday 20 20	Wednesday 20 20	Sunday 20 20	Saturday 20 20	Saturday 20 20	Sunday 20 20	Saturday 20 20	Monday Week 38 20	Monday Week 43 20	Monday Week 47 20	Monday Week 51 20
Wednesday 21 21	Thursday 21 21	Thursday 21 21	Monday 21 21	Sunday 21 21	Sunday 21 21	Monday 21 21	Sunday 21 21	Tuesday 21 21	Tuesday 21 21	Tuesday 21 21	Tuesday 21 21
Thursday 22 22	Friday 22 22	Friday 22 22	Tuesday 22 22	Monday 22 22	Monday 22 22	Tuesday 22 22	Monday 22 22	Wednesday 22 22	Wednesday 22 22	Wednesday 22 22	Wednesday 22 22
Friday 23 23	Saturday 23 23	Saturday 23 23	Wednesday 23 23	Tuesday 23 23	Tuesday 23 23	Wednesday 23 23	Tuesday 23 23	Thursday 23 23	Thursday 23 23	Thursday 23 23	Thursday 23 23
Saturday 24 24	Sunday 24 24	Sunday 24 24	Thursday 24 24	Wednesday 24 24	Wednesday 24 24	Thursday 24 24	Wednesday 24 24	Friday 24 24	Friday 24 24	Friday 24 24	Friday 24 24
Sunday 25 25	Monday Week 5 25	Monday Week 13 25	Friday 25 25	Thursday 25 25	Thursday 25 25	Friday 25 25	Thursday 25 25	Saturday 25 25	Saturday 25 25	Saturday 25 25	Saturday 25 25
Monday 26 26	Tuesday 26 26	Tuesday 26 26	Saturday 26 26	Friday 26 26	Friday 26 26	Saturday 26 26	Friday 26 26	Sunday 26 26	Sunday 26 26	Sunday 26 26	Sunday 26 26
Tuesday 27 27	Wednesday 27 27	Wednesday 27 27	Sunday 27 27	Saturday 27 27	Saturday 27 27	Sunday 27 27	Saturday 27 				