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PRODUCTION BULLETIN NO. 6: CHEMICALS AND BY-PRODUCTS
SEPTEMBER 1977

INQUIRIES

If you want to know more about these statistics —

- ring Mr Cyril Rees, Canberra 525558 or our State Office, or
- write to Information Services, ABS, P.O. Box 10, Belconnen A.C.T. 2616

For copies of this publication ring Information Services, Canberra 526627 or State offices.

EXPLANATORY NOTES

This bulletin is one of a series of eight publications containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below. These publications replace the *Production Summaries* series (Reference No. 12.16) and the publication *Production Statistics* (Reference No. 12.14) issued previously.

2. Data contained in this bulletin are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Where another authority is the source this is indicated in a footnote.

3. Most items are identified by Commodity Codes of the Commodity Classification used in Australian manufacturing statistics. However in cases where data are derived from sources other than ABS collections no commodity code is shown.

4. As from July 1975 production statistics collected by ABS exclude production of single establishment manufacturing enterprises employing less than four persons and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities the effect on production levels and movements is marginal. An indication of the approximate magnitude of the break in comparability may be obtained by comparing annual data for 1974-75 which are shown in this publication on both the old and the new basis.

5. Annual figures shown in this publication are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year, and in the case of businesses unable to report on a June year basis include details in respect of substitute accounting periods.

6. This bulletin contains seasonally adjusted statistics of several items. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also of "trading-day" effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. The seasonally adjusted figures have

been revised following annual reanalysis. Details of the methods used in seasonally adjusting this and other series are given in *Seasonally Adjusted Indicators 1977* (Catalogue No. 1308.0. Previously Ref. No. 1.10).

7. Other ABS publications which may be of interest are:

Production Bulletin No 1: Electricity, Gas and Electrical Goods (Catalogue No. 8357.0. Previously Ref. No. 12.39)

Production Bulletin No 2: Clothing and Footwear (Catalogue No. 8358.0. Previously Ref. No. 12.40)

Production Bulletin No 3: Food, Drink and Tobacco (Catalogue No. 8359.0. Previously Ref. No. 12.41)

Production Bulletin No 4: Textiles, Bedding and Floor Coverings (Catalogue No. 8360.0. Previously Ref. No. 12.42)

Production Bulletin No 5: Building Materials (Catalogue No. 8361.0. Previously Ref. No. 12.43)

Production Bulletin No 7: Motor Vehicles, Parts and Accessories (Catalogue No. 8363.0. Previously Ref. No. 12.45)

Production Bulletin No 8: Miscellaneous Products (Catalogue No. 8364.0. Previously Ref. No. 12.46)

Principal Articles Produced (Catalogue No. 8303.0. Previously Ref. No. 12.26)

All publications produced by the ABS are listed in *Catalogue of Publications, 1977* (Catalogue No. 1101.0. Previously Ref. No. 1.8) which is available free of charge from any ABS office.

Symbols and Other Usages

- a Not available for publication. Figures are confidential
- .. Not applicable.
- Break in continuity of Series (where drawn across a column)
- * Excludes the production of certain small producers. See paragraph 4.

R. J. CAMERON
Australian Statistician

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CHEMICALS AND ACIDS

Period	Acids (in terms of 100% acid)					Sodium Hydroxide (100%) (caustic soda) (405.78)	Sulphate of ammonia (405.36)	Super-phosphate (c)
	Hydro-chloric (401.29)	Nitric (401.37)	Sulphuric		Chlorine (405.82)			
			Original (401.57)	Sec.adj. (b)				
	tonnes	tonnes	— '000 tonnes —		tonnes	tonnes	tonnes	'000 tonnes
1974-75	42,819	173,970	1,770	..	109,302	139,206	266,483	3,309
1974-75*	42,819	173,970	1,770	..	109,302	139,206	266,483	3,309
1975-76	46,958	147,559	1,295	..	113,326	137,238	219,764	2,185
1976-77	51,853	177,647	1,741	..	107,069	129,345	191,942	3,219
1976 —								
August	4,330	13,661	106	120	9,106	10,980	17,701	164
September	5,643	18,418	130	135	9,528	11,618	18,552	217
October	4,042	13,387	136	133	9,726	11,542	15,237	313
November	3,715	15,675	147	143	7,447	9,109	13,933	251
December	3,020	20,287	168	151	7,805	9,367	20,276	259
1977 —								
January	4,018	5,958	143	132	7,571	8,990	18,739	267
February	4,924	11,713	139	131	9,998	11,715	15,607	284
March	4,339	17,564	143	143	8,616	10,263	14,748	322
April	4,284	10,821	167	151	10,360	12,458	12,681	346
May	4,689	14,975	174	167	10,026	12,458	13,663	348
June	4,248	20,496	179	200	7,056	9,181	14,365	327
July	4,278	4,271	109	141	9,548	12,371	15,499	149
August	4,998	3,510	104	120	8,546	10,660	22,557	162
September	4,864	20,272	142	144	9,648	11,802	18,585	277
1976-77 : July to Sept.	14,523	46,771	345	..	28,464	34,262	52,693	502
1977-78 : July to Sept.	14,140	28,053	355	..	28,042	34,833	56,641	588

PLASTICISERS AND PLASTICS AND SYNTHETIC RESINS

	Plastics and synthetic resins For moulding, extrusion, laminating, calendering, etc.						
Period	Plasticisers (407.02-08)	Phenolic (403.52)	Polyesters (403.62)	Polyethylene (403.65)	Ureas and melamines (403.82)	Other (d) (e)	Total
				— Tonnes —			
1974-75	21,347	6,545	14,085	126,908	2,948	127,737	278,223
1974-75*	21,347	6,545	14,085	126,908	2,948	127,737	278,223
1975-76	22,653	6,889	18,195	119,495	3,060	161,552	309,191
1976-77	22,596	8,172	17,932	163,435	3,069	172,663	365,271
1976 —							
August	1,663	816	1,761	13,899	243	14,565	31,284
September	2,452	705	1,460	15,995	295	16,683	35,138
October	1,990	722	1,788	13,006	246	13,883	29,645
November	2,081	789	1,906	13,735	243	13,796	30,469
December	2,135	628	1,747	10,690	245	10,214	23,524
1977 —							
January	1,531	241	747	13,887	102	12,451	27,428
February	1,630	617	1,578	14,343	270	14,863	31,671
March	2,162	777	1,705	13,689	252	15,545	31,968
April	1,889	590	1,054	10,643	264	15,262	27,813
May	1,324	755	1,468	15,122	327	15,819	33,491
June	1,588	744	1,202	15,397	343	15,790	33,476
July	1,647	575	1,310	14,785	394	15,360	32,424
August	2,167	715	1,445	17,739	370	16,472	36,741
September	1,940	558	1,719	13,417	251	15,321	31,266
1976-77 : July to Sept.	6,266	2,309	4,737	42,923	777	45,040	95,786
1977-78 : July to Sept.	5,754	1,848	4,474	45,941	1,015	47,153	100,431

(b) See paragraph 6 Explanatory Notes. (c) Code numbers 415.07 and 405.25. Includes double and triple superphosphates and ammonium phosphate expressed in terms of single phosphate i.e. 22% P₂O₅ equivalent. (d) Includes acrylics, cellulose, polystyrene, vinyls. (e) Code numbers 403.02, 18, 20, 73, 90, 92, 96.

PLASTICS AND SYNTHETIC RESINS - continued

For protective coatings, paints etc.

	Acrylics (b) (404.01)	Alkyds (b) (404.02)	Phenolics (b) (404.32)	Polyvinyl acetate (b) (404.88)	Rosin esters (b) (404.48)	Styrenes (b) (404.62)	Ureas and melamines (b) (404.74)	Other (b)(c) (404.40,94)	Total
- Tonnes -									
1974-75	4,955	23,112	1,350	6,292	2,060	909	1,044	5,404	45,126
1974-75*	4,955	23,112	1,350	6,191	2,060	909	1,044	5,404	45,025
1975-76	6,064	25,134	1,718	6,423	2,346	1,020	1,052	5,954	49,711
1976-77	7,224	26,388	1,766	5,597	2,627	963	1,164	6,757	52,486
1976 -									
August	601	2,254	175	593	(a)	(a)	90	657	4,735
September	698	2,122	132	598	170	110	106	497	4,433
October	519	2,069	156	718	206	85	104	513	4,370
November	742	2,264	183	506	264	71	102	727	4,859
December	666	2,342	128	538	234	56	104	598	4,666
1977 -									
January	351	1,300	55	172	95	17	26	326	2,342
February	665	2,403	148	222	244	96	101	691	4,570
March	600	2,578	175	543	(a)	(a)	110	583	4,857
April	515	1,858	140	409	(a)	(a)	78	523	3,812
May	509	2,288	144	369	160	73	104	471	4,118
June	727	2,293	124	351	245	51	117	510	4,418
July	598	2,103	115	384	(a)	(a)	86	486	3,978
August	621	2,158	120	557	(a)	(a)	89	423	4,189
September	721	2,333	119	581	168	90	113	514	4,639
1976-77 : July to Sept.	1,930	6,993	513	1,769	782	354	318	1,815	14,474
1977-78 : July to Sept.	1,940	6,594	354	1,522	492	193	288	1,423	12,806

PLASTICS AND SYNTHETIC RESINS - continued

	For bonding and adhesives (b)				For other purposes (d)			Total for all purposes
	Phenolics (404.34)	Polyvinyl acetate (404.90)	Ureas and melamines (404.76)	Other (404.96)	Total	Vinyls (404.84)	Other (e) (f)	Total
- Tonnes -								
1974-75	4,110	3,231	22,471	2,466	32,278	2,060	5,460	7,520
1974-75*	4,110	3,231	22,471	2,466	32,278	2,060	5,460	7,520
1975-76	3,983	3,636	28,320	2,693	38,632	2,599	6,884	9,483
1976-77	4,808	4,661	29,234	2,595	41,298	3,082	6,668	9,750
1976 -								
August	424	394	2,339	279	3,436	237	665	902
September	364	462	3,123	214	4,163	183	692	875
October	401	380	2,639	316	3,736	289	673	962
November	544	385	2,790	247	3,966	231	505	736
December	361	241	2,095	219	2,916	251	565	816
1977 -								
January	216	275	1,600	145	2,236	158	173	331
February	371	362	2,473	222	3,428	492	495	987
March	551	507	2,654	175	3,887	279	637	916
April	385	313	1,962	129	2,789	136	757	893
May	484	456	2,206	192	3,338	229	521	750
June	418	392	2,772	177	3,759	282	547	829
July	495	290	2,345	177	3,307	244	333	577
August	448	296	2,897	192	3,833	186	711	897
September	457	274	2,380	178	3,289	304	560	864
1976-77 : July to Sept.	1,077	1,350	8,043	773	11,243	735	1,795	2,530
1977-78 : July to Sept.	1,400	860	7,622	547	10,429	734	1,604	2,338

(b) Liquid resin or emulsion form are shown in terms of dry weight of resin content. (c) Includes polyesters. (d) e.g. textile impregnation, paper treatment, etc. (e) Includes phenolics and styrenes. (f) Code numbers 404.36, 64, 78, 98.

PAINTS AND OTHER SURFACE COATINGS

Period	Architectural and decorative paints, enamels and clears (b)					Industrial paints, enamels and clears (incl. lacquers and water thinned industrial products) (c)		
	Solvent thinned		Water thinned		Tinting colours, all types packed for sale or transfer out	Finishing coats		
	Primers and undercoats	Finishing coats (d) (410.03)	Plastic latex (410.11)	Other water based (410.17)		Primers and undercoats (410.31,41)	Nitro- cellulose lacquers (410.33, 43.45)	Other (410.37, 47.49)
	(410.01)	(05.07)	(13.15)	(410.17)	(410.25)			
—'000 litres —								
1974-75	11,933	30,262	28,345	307	527	10,625	4,906	34,567
1974-75*	11,891	30,117	28,125	303	527	10,596	4,886	34,441
1975-76	12,660	29,893	31,878	286	500	10,690	4,909	34,741
1976-77	12,153	28,901	35,133	270	582	10,892	4,392	34,391
1976 —								
August	844	2,355	2,657	22.2	60.6	903	454	3,020
September	1,078	2,642	3,084	18.5	73.5	1,078	410	2,969
October	1,042	2,538	2,773	29.7	49.7	858	411	3,157
November	1,099	2,816	3,555	26.8	45.4	1,050	395	3,374
December	1,167	2,627	3,432	27.6	50.9	975	376	3,013
1977 —								
January	739	1,782	2,033	10.0	20.5	430	170	1,653
February	1,009	2,398	2,871	18.6	36.7	839	373	2,749
March	1,175	2,736	3,378	24.1	45.8	1,083	406	3,434
April	836	1,949	2,587	28.7	33.2	737	274	2,408
May	1,105	2,422	2,863	23.1	52.8	948	366	2,915
June	1,033	2,421	2,909	23.3	51.1	1,000	339	2,917
July	970	2,283	2,885	21.5	61.1	807	354	2,923
August	983	2,288	3,164	20.0	45.6	937	356	2,993
September	1,037	2,366	3,263	25.5	32.5	863	351	3,145
1976-77 : July to Sept.	2,949	7,212	8,733	57.7	196	2,972	1,282	8,770
1977-78 : July to Sept.	2,990	6,938	9,313	66.9	139	2,607	1,062	9,060

PAINTS ETC. — continued AND THINNERS

Period	Wood stains (oil, spirit etc.) packed for sale or transfer out (e)	Marine coatings (f)	Bituminous paints not elsewhere included (g)	Water shedding preparations	Other paints and coatings (h)	Thinners	
	(410.57)	(410.59)	(410.65)	(410.69)	(410.55, 67, 79)	For nitro- cellulose coatings	For all other coatings
						(410.85)	(410.87)
— '000 litres —							
1974-75	3,804	1,646	1,782	441	8,653	11,950	12,168
1974-75*	3,783	1,646	1,606	430	8,415	11,660	12,110
1975-76	4,606	1,625	1,393	530	9,651	10,656	12,075
1976-77	5,166	1,628	1,382	748	9,735	10,496	12,744
1976 —							
August	420	140	128	97.9	839	886	1,037
September	551	135	94	81.0	800	922	1,155
October	498	158	95	51.4	867	939	1,145
November	479	141	149	60.9	877	1,100	1,142
December	451	106	132	50.9	851	919	1,103
1977 —							
January	281	83	42	28.6	505	559	600
February	431	159	123	61.9	739	877	1,102
March	463	180	129	68.1	902	959	1,130
April	347	137	94	39.4	726	714	930
May	428	131	107	60.0	851	935	1,195
June	423	130	118	72.5	939	849	1,124
July	359	111	129	35.1	855	801	1,063
August	408	109	110	51.2	838	965	1,327
September	500	124	192	44.5	920	872	1,205
1976-77 : July to Sept.	1,364	403	393	255	2,477	2,645	3,273
1977-78 : July to Sept.	1,267	344	432	131	2,612	2,639	3,596

(b) Excludes heavy duty coatings. (c) Includes automotive. (d) Includes varnishes and clear plastic coatings such as floor treatment compounds and two-pack type coatings. (e) Includes part-pigmented, Madison and Cresote types for all uses including industrial. (f) Excludes super structure paints which are included with architectural and decorative paints. (g) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (h) Includes heavy duty coatings and decorative seamless flooring compounds and other paints and coatings not elsewhere included. Excludes leather dressings.

PAINTS AND OTHER SURFACE COATINGS : STATES - SEPTEMBER 1977

Code No.	Item	N.S.W.	Vic.	Qld	S.A.	W.A. & Tas.	Australia
— Litres —							
Architectural and decorative paints, enamels and clears (b) —							
Solvent thinned —							
410.01	Primers and undercoats	472,204	238,641	230,184	46,792	59,590	1,037,411
Finishing coats, pigmented —							
410.03	Full gloss	667,089	414,745	270,461	97,552	55,691	1,505,538
410.05	Other than full gloss	269,956	171,036	59,039	28,903	29,868	558,802
410.07	Finishing coats, clears	181,983	75,997	(a)	(a)	9,067	301,772
Water thinned —							
Plastic latex —							
410.11	Primers and undercoats	55,403	48,412	62,258	(a)	(a)	182,165
Finishing coats —							
410.13	Flat	859,762	539,325	166,070	124,706	202,878	1,892,741
410.15	Other than flat (satin, semi-gloss, gloss)	505,969	321,628	225,700	58,964	76,052	1,188,313
410.17	Other water based	(a)	3,085	(a)	(a)	(a)	25,458
410.25	Tinting colours, all types, packed for sale or transfer out	11,410	10,979	(a)	(a)	..	32,536
Industrial paints, enamels and clears (includes lacquers and water thinned industrial products) —							
Automotive —							
410.31	Primers and undercoats	84,386	244,839	(a)	(a)	(a)	418,799
Finishing coats —							
410.33	Nitro-cellulose lacquers	(a)	23,012	(a)	(a)	(a)	36,784
410.37	Other	(a)	376,358	(a)	(a)	(a)	810,530
Other industrial —							
410.41	Primers and undercoats	189,684	153,406	54,987	22,899	23,021	443,947
Finishing coats —							
Nitro-cellulose lacquers —							
410.43	Clears	104,105	76,995	(a)	(a)	(a)	213,617
410.45	Colours	60,216	26,720	4,069	(a)	(a)	100,763
Other —							
410.47	Clears	419,148	289,749	43,438	(a)	(a)	757,118
410.49	Colours	766,435	493,392	102,578	145,474	69,038	1,576,917
410.55	Heavy duty coatings	192,722	143,385	(a)	(a)	57,326	472,559
410.57	Wood stains (oil, spirit, etc.) packed for sale or transfer out (e)	271,794	171,849	31,223	(a)	(a)	500,106
410.59	Marine coatings (d)	74,582	17,325	(a)	(a)	(a)	123,647
410.65	Bituminous paints, not elsewhere included (e)	185,775	3,540	(a)	(a)	(a)	192,213
410.67	Decorative seamless flooring compounds	2,758	..	..	(a)	(a)	4,931
410.69	Water shedding preparations	16,902	5,660	8,642	11,587	1,728	44,519
410.79	Other paints and coatings not elsewhere included (excludes leather dressings)	88,095	133,151	(a)	(a)	40,305	442,656
Thinners —							
410.85	For nitro-cellulose coatings	250,386	342,967	121,701	79,860	77,378	872,292
410.87	For all other coatings	485,089	278,448	217,578	(a)	(a)	1,204,838

PAPER

Period	Newsprint (f) (351.11)	Printings (351.18)	Writings (incl. cartridge) (351.29)	Wrapping (kraft and other) (351.41-49)	Tissue and sanitary (351.51)	Other papers (351.21, 25, 79)	Total
— Tonnes —							
1974-75	196,405	59,364	100,351	284,911	91,696	34,789	767,516
1974-75*	196,405	59,364	100,351	284,911	91,696	34,789	767,516
1975-76	206,227	46,344	69,944	303,232	89,246	29,332	744,325
1976-77	206,590	50,223	60,689	321,607	91,041	22,106	762,264
1976 —							
August	17,868	4,365	5,393	29,519	6,134	1,977	66,074
September	17,465	5,574	5,009	28,509	8,349	1,297	66,926
October	18,167	5,086	4,478	31,322	9,550	1,512	70,627
November	17,458	3,810	4,902	23,470	8,423	1,911	60,670
December	13,587	5,135	5,163	29,062	6,230	2,138	62,128
1977 —							
January	17,065	2,359	5,241	20,171	5,888	3,413	54,367
February	16,575	3,683	4,987	27,612	7,552	1,330	62,731
March	18,613	3,955	5,250	28,279	8,409	1,933	67,631
April	17,337	3,415	5,061	29,242	8,006	2,387	66,274
May	18,069	4,226	5,357	21,629	7,041	1,638	58,742
June	17,435	4,150	4,908	27,600	7,048	2,168	64,162
July	17,876	3,999	8,175	26,319	7,800	2,509	66,678
August	17,860	4,949	7,885	25,675	8,427	2,778	67,574
September	17,935	5,248	7,816	33,232	7,664	2,040	73,935
1976-77 : July to Sept.	52,284	14,404	15,342	83,220	22,894	4,676	194,932
1977-77 : July to Sept.	53,671	14,196	23,876	85,226	23,891	7,327	208,187

(b) Excludes heavy duty coatings. (c) Includes part-pigmented, Madison and Creosote types for all use including industrial. (d) Excludes super structure paints which are included with architectural and decorative paints. (e) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (f) Since March 1974 a lighter type of newsprint has been produced (49 grams instead of 52 grams). This has resulted in reducing production in terms of weight but not in terms of quantity.

PULP, PAPER BOARDS AND PAPER FELTS

Period	Wood pulp (b)		Paper boards (c)			Paper felts (353.01)
	Chemical (341.31-37)	Other (341.39,45)	Container (352.11,13)	Box and carton (352.21,23)	Other (352.31,33)	
- Tonnes -						
1974-75	169,274	401,309	170,908	160,850	41,881	417
1974-75*	169,274	401,309	170,908	160,850	41,881	417
1975-76	162,152	393,514	171,907	164,787	45,515	52
1976-77	182,874	413,586	205,018	176,496	45,098	277
1976 -						
August	12,426	36,756	16,411	12,388	3,743	..
September	17,004	36,143	22,274	17,807	5,264	..
October	16,043	36,940	11,922	16,999	3,227	..
November	16,576	37,701	17,541	13,973	3,923	2
December	17,097	29,592	21,991	16,961	2,076	..
1977 -						
January	14,524	27,496	16,336	11,320	5,508	..
February	15,405	32,146	18,602	15,005	2,615	..
March	16,104	38,578	15,449	13,507	4,798	..
April	13,757	30,102	14,691	16,042	4,831	275
May	14,413	29,092	12,846	13,266	4,214	..
June	15,510	45,437	20,258	17,813	2,249	..
July	14,898	33,826	14,235	14,913	3,049	..
August	12,718	38,576	15,808	16,179	3,104	..
September	17,715	37,948	20,964	14,661	4,509	..
1976-77 : July to Sept.	43,445	106,502	55,382	41,610	11,657	..
1977-78 : July to Sept.	45,331	110,350	51,007	45,753	10,662	..

ADHESIVE TAPES

Period	Gummed (liquid activated)		Pressure sensitive (other than reinforced)				Total
	Reinforced (769.21)	Other (769.31-39)	Original manufacture			Other (d) (769.52,59)	
			Paper (769.51)	Celulose (769.53)	Plastic (769.54)		
			- '000 square metres -				
1974-75	3,328	8,116	10,402	6,607	4,447	182	21,638
1974-75*	3,328	8,116	10,402	6,607	4,447	182	21,638
1975-76	2,873	8,687	9,610	6,830	6,868	192	23,500
1976-77	(a)	7,653	9,163	6,233	7,440	280	23,115
1976 -							
August	(a)	(a)	684	528		641	1,853
September	(a)	(a)	1,064	663		524	2,251
October	(a)	725	685	621		791	2,097
November	(a)	571	780	457		317	1,554
December	(a)	(a)	908	638		716	2,263
1977 -							
January	(a)	(a)	354	143		302	799
February	(a)	(a)	765	550		719	2,034
March	(a)	(a)	758	523		732	2,014
April	(a)	(a)	923	609		753	2,285
May	(a)	(a)	1,021	402		749	2,173
June	(a)	(a)	6,111	550		850	2,011
July	(a)	(a)	725	487		633	1,846
August	(a)	(a)	732	445		666	1,844
September	(a)	(a)	776	428		948	2,151
1976-77 : July to Sept.	(a)	(a)	2,356	1,740		1,790	5,886
1977-78 : July to Sept.	(a)	(a)	2,233	1,360		2,247	5,840

(b) Quantities shown represent tonnes air-dried. (c) Paper exceeding 205 grammes per square metre is classified as paper board. (d) Includes cloth.

SOAP

Period	For personal toilet use					For other purposes - non-abrasive				
	Toilet		Shampoo (805.08)	Shaving (b) (805.10, 11.13)	Total	Solid (bar) (c)		Powder and granule		
	Solid and powder (805.01, 03)	Liquid and paste (805.05)				Small packs (d) (805.22)	Large packs (e) (805.46, 58)	Flakes and chips (805.24, 48)	Small packs (d) (805.26)	Large packs (e) (805.50)
- Tonnes -										
1974-75	24,525	892	879	775	27,071	12,632	287	2,184	8,340	2,524
1974-75*	24,488	796	858	775	26,917	12,632	285	2,184	7,814	2,109
1975-76	26,209	722	1,012	830	28,773	10,433	(a)	(a)	7,690	1,781
1976-77	25,352	717	1,333	879	28,281	9,831	(a)	(a)	7,092	1,749
1976 -										
August	2,435	60	83	89	2,667	912	(a)	(a)	762	180
September	2,123	61	126	77	2,387	1,169	(a)	(a)	593	163
October	2,663	49	84	63	2,859	985	(a)	(a)	760	104
November	2,004	78	98	123	2,303	860	(a)	(a)	390	155
December	1,477	59	105	61	1,702	717	(a)	(a)	645	129
1977 -										
January	773	43	80	17	913	385	(a)	(a)	207	99
February	2,621	66	133	66	2,886	1,013	(a)	(a)	642	164
March	2,109	76	127	67	2,379	848	(a)	(a)	580	169
April	1,936	61	102	58	2,157	431	(a)	(a)	443	101
May	2,384	57	151	95	2,687	744	(a)	(a)	692	169
June	2,429	52	125	71	2,677	733	(a)	(a)	703	146
July	2,705	45	110	81	2,941	873	(a)	(a)	641	211
August	2,458	49	103	114	2,724	786	(a)	(a)	412	224
September	2,396	68	104	42	2,610	643	(a)	(a)	611	149
1976-77 : July to Sept.	6,956	176	328	258	7,718	3,115	(a)	(a)	2,030	513
1977-78 : July to Sept.	7,559	162	317	237	8,275	2,302	(a)	(a)	1,664	584

SOAP - continued AND ABRASIVE CLEANSERS AND SCOURERS

Period	For other purposes - non-abrasive - continued							
	Liquid				Abrasive cleansers and scourers			
	Disinfectant type (f)		Non-disinfectant type		Soft (incl. paste)		Small packs (d)	
	Small packs (d) (805.30)	Large packs (e) (805.52)	Small packs (d) (805.32)	Large packs (e) (805.54)	Small packs (d) (805.34)	Large packs (e) (805.56)	Solid and powder (805.36, 38)	Large packs (e) (805.60)
- Tonnes -								
1974-75	692	2,555	516	3,595	17	634	33,976	768
1974-75*	687	2,337	516	3,329	17	631	32,441	587
1975-76	599	2,162	580	3,107	9	632	29,436	999
1976-77	612	2,222	827	3,093	557		29,000	547
1976 -								
August	46	181	(a)	303	50		2,818	59
September	51	182	(a)	293	51		2,890	57
October	52	148	76	274	45		2,730	48
November	52	176	69	276	49		2,287	49
December	45	177	47	256	51		2,358	41
1977 -								
January	48	144	69	188	40		1,352	13
February	61	193	93	224	44		2,684	58
March	53	229	56	288	53		2,519	17
April	53	203	77	249	34		1,762	28
May	58	201	70	239	51		2,444	59
June	43	191	62	226	42		2,357	47
July	70	228	57	269	52		2,660	46
August	56	226	57	288	41		2,312	71
September	61	195	56	255	39		2,279	41
1976-77 : July to Sept.	147	560	(a)	873	148		8,507	166
1977-78 : July to Sept.	187	649	170	812	132		7,251	158

(b) Includes solid shaving soap. (c) Includes woollscouring soap in large packs. (d) Contains 3 kg or less of solid or 5 litre or less of liquid. Excludes 'dairy cleansers'. (e) Contains over 3kg of solid or over 5 litre or liquid. Includes all 'dairy cleansers' regardless of size. (f) Excludes products marketed primarily as disinfectants.

DETERGENTS

Period	Synthetic									
	Non-abrative									
	For other purposes									
	For personal toilet use (806.02, 04,06)	Solid flakes and chips, powder and granule (806.10, 14.30,32)	Liquid paste and cream		Abrasive cleansers and scourers (806.18, 20.22,36)	Total	Other detergents			
			Small packs (b) (806.16)	Large packs (c) (806.34)			Alkaline (806.40)	Emulsion cleansers (806.44)	Other (incl. acid cleansers) (806.25, 42.45)	Total detergents
— Tonnes —										
1974-75	7,366	79,357	50,758	23,690	9,702	170,773	20,627	5,741	6,401	203,642
1974-75*	6,955	79,143	47,751	22,326	9,672	165,849	19,081	5,520	5,997	196,447
1975-76	8,684	81,686	53,520	23,132	11,397	178,419	18,952	5,310	6,963	209,644
1976-77	8,589	79,034	50,431	23,549	10,250	171,853	20,219	5,643	6,859	204,574
1976 —										
August	670	6,378	4,999	1,891	753	14,691	1,647	452	604	17,394
September	715	7,390	4,171	2,148	761	15,185	1,851	550	678	18,264
October	829	7,690	5,069	1,889	1,058	16,535	1,725	484	583	19,327
November	850	7,821	4,050	2,225	896	15,842	1,710	476	569	18,597
December	493	4,771	3,681	2,347	960	12,252	1,802	437	503	14,994
1977 —										
January	474	2,781	1,915	1,605	249	7,024	1,329	366	449	9,168
February	678	7,104	4,635	1,901	996	15,314	1,559	381	524	17,778
March	902	6,170	4,256	1,893	733	13,954	1,773	503	680	16,910
April	781	5,977	3,854	1,874	822	13,308	1,717	511	507	16,043
May	738	8,076	4,215	1,784	853	15,666	1,756	612	567	18,601
June	769	7,211	5,004	2,027	838	15,849	1,595	432	603	18,479
July	862	9,035	4,934	2,239	1,194	18,264	1,505	557	654	20,980
August	807	7,548	4,435	2,218	925	15,933	1,745	682	592	18,952
September	921	8,197	4,399	2,110	1,205	16,832	1,739	610	605	19,786
1976-77 : July to Sept.	2,075	21,433	13,752	6,004	2,845	46,109	5,253	1,441	1,874	54,677
1977-78 : July to Sept.	2,590	24,780	13,768	6,567	3,324	51,029	4,989	1,849	1,850	59,718

GLYCERINE AND FATTY ACIDS

Period	Glycerine		Fatty acids			Total
	Crude (406.20)	Refined (406.24)	Stearine (401.53)	Oleic (401.41)	Other (401.77,79)	
1974-75	tonnes 4,943	tonnes 4,600	'000 kg 4,415	'000 kg 4,034	'000 kg 3,945	'000 kg 12,394
1974-75*	4,943	4,600	4,415	4,034	3,943	12,394
1975-76	5,047	4,433	5,507	4,051	3,585	13,142
1976-77	4,927	4,964		14,066	4,724	18,790
1976 -						
August	499	366		942	426	1,368
September	406	414		1,411	319	1,730
October	575	394		1,571	490	2,061
November	372	444		1,389	337	1,726
December	209	259		624	268	892
1977 -						
January	(a)	(a)		410	204	614
February	(a)	(a)		1,010	247	1,258
March	246	574		1,135	424	1,558
April	441	362		1,460	509	2,032
May	422	605		1,413	576	1,923
June	331	404		1,160	293	1,456
July	465	489		1,530	520	2,050
August	351	394		1,409	323	1,732
September	736	327		1,213	245	1,458
1976-77 : July to Sept.	1,480	1,331		3,892	1,375	5,267
1977-78 : July to Sept.	1,552	1,210		4,152	1,087	5,240

(b) Contains 3 kg or less of solid or 5 litre or less of liquid. Excludes 'dairy cleansers'. (c) Contains over 3 kg of solid or 5 litre of liquid.

UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (b) - BY POLYMER TYPE

Period	Vinyl chloride including co-polymers (423.02,03,06,07)	Polyethylene		Poly- styrene (423.31,35)	Other (e) (423.41,45,61,65)	Total
		Low density (c) (423.11,15)	High density (d) (423.21,25)			
		- '000 kilograms -				
1974-75	15,461	51,353	1,039	6,153	9,020	83,127
1974-75*	15,461	51,053	1,039	6,153	9,020	82,827
1975-76	15,674	54,319	1,393	6,817	11,248	89,651
1976-77	15,473	60,691	1,813	8,727	13,007	99,711
1976 -						
August	1,854	5,152	173	886	1,225	9,290
September	1,540	5,763	134	819	1,323	9,579
October	1,371	4,736	129	717	1,089	8,042
November	1,272	5,261	167	82	1,233	8,716
December	904	3,850	139	605	1,007	6,506
1977 -						
January	509	3,247	77	562	666	5,061
February	1,218	5,810	159	912	941	9,029
March	1,581	5,508	189	808	1,151	9,237
April	984	4,820	180	466	796	7,246
May	1,289	5,580	168	676	1,191	8,904
June	1,667	5,865	148	809	1,278	9,767
July	1,407	4,993	182	671	1,201	8,454
August	1,729	5,534	169	720	1,180	9,331
September	1,490	5,076	186	830	1,230	8,812
1976-77 : July to Sept.	4,678	16,014	457	2,389	3,655	27,193
1977-78 : July to Sept.	4,626	15,603	537	2,221	3,611	26,597

UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (b) - BY THICKNESS

Period	Film (thickness less than 0.25 mm)			Sheeting and sheets (thickness 0.25 mm and over)			Total film and sheeting and sheets
	Vinyl chloride including co-polymers (423.02,03)	Other (423.11,21 31,41,61)	Total film	Vinyl chloride including co-polymers (423.06,07)	Other (423.15,25 35,45,65)	Total sheeting and sheets	
				- '000 kilograms -			
1974-75	8,676	56,799	65,475	6,786	11,769	18,555	83,127
1974-75*	8,676	56,499	65,175	6,786	11,769	18,555	82,827
1975-76	9,787	60,901	70,688	5,887	13,076	18,963	89,651
1976-77	8,743	68,243	76,986	6,730	15,995	22,725	99,711
1976 -							
August	1,039	5,872	6,911	815	1,565	2,380	9,290
September	859	6,445	7,304	681	1,593	2,275	9,579
October	827	5,248	6,076	544	1,423	1,966	8,042
November	717	5,903	6,620	556	1,540	2,095	8,716
December	623	4,411	5,034	281	1,191	1,472	6,506
1977 -							
January	(a)	(a)	3,836	(a)	(a)	1,224	5,061
February	(a)	(a)	7,217	(a)	(a)	1,813	9,029
March	753	6,273	7,025	828	1,383	2,211	9,237
April	634	5,349	5,983	350	913	1,263	7,246
May	683	6,254	6,937	607	1,361	1,967	8,904
June	821	6,619	7,440	845	1,482	2,327	9,767
July	675	5,727	6,402	732	1,320	2,052	8,454
August	776	6,282	7,058	953	1,321	2,273	9,331
September	794	5,867	6,661	695	1,455	2,151	8,812
1976-77 : July to Sept.	2,688	18,131	20,819	1,990	4,384	6,375	27,193
1977-78 : July to Sept.	2,245	17,276	20,121	2,381	4,096	6,476	26,597

(b) Rigid and flexible (includes lay flat tubing) - not profile. Includes film or sheet used in further production in the same establishment. (c) S.G. less than 0.941. (d) 0.941 S.G. and above. (e) Includes cellulose acetate.

PLASTICS COATED MATERIALS (b)

Period	Vinyl chloride (incl. co- polymers) on knitted or woven textile material	Vinyl chloride (incl. co-poly- mers and poly- vinylidene chlor- ide on paper or paperboard) (excl. bitum- en treated) (424.33.51)	Polyethylene		Other polymers	
	Expanded (424.30)	Other (424.32)	On regenerat- ed cellulose film (424.42)	On other substrates (424.43-47)	On knitted and woven textile materials (424.61)	
	- '000 square metres -					
1974-75	5,399	8,996	11,175	18,048	73,242	5,798
1974-75*	5,399	8,994	11,175	18,048	73,242	5,798
1975-76	6,209	9,320	10,240	17,173	40,754	5,299
1976-77	5,325	8,340	(a)	16,450	36,462	5,169
1976 -						
August	427	799	(a)	1,610	3,979	584
September	513	823	(a)	1,496	3,450	448
October	631	751	(a)	1,534	3,040	580
November	531	713	(a)	1,375	3,039	488
December	531	659	(a)	1,441	3,214	255
1977 -						
January	160	159	(a)	954	1,984	205
February	344	744	(a)	1,243	2,449	479
March	504	751	(a)	1,290	3,679	413
April	240	565	(a)	878	2,405	417
May	454	726	(a)	1,706	3,339	432
June	420	886	(a)	1,818	3,752	385
July	449	677	(a)	988	3,419	362
August	478	894	(a)	1,136	3,218	559
September	484	835	(a)	1,304	2,866	413
1976-77 : July to Sept.	1,508	2,388	(a)	4,212	10,166	1,517
1977-78 : July to Sept.	1,411	2,406	(a)	3,428	9,503	1,334

(b) Area of completion of final coating by any method including laminating on continuous supporting materials. Includes production of the specified combinations even if subsequently used in the same establishment for further processing. Excludes coating intended for adhesive purposes in the production of laminates.