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ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY, 1937.

Reports from the Canadian manufacturers of soaps, washing compounds and cleaning preparations in 1937 indicate an improvement over the previous year of 21 per cent in production value, 14 per cent in employment, and 12 per cent in salaries and wages.

Output for the industry totalled \$19,693,888 in 1937 against \$16,313,502 in the previous year; the number of employees was 2,284 against 1,993, while salaries and wages amounted to \$2,836,208 compared with \$2,540,559 in 1936.

A total of 101 establishments reported soaps, washing compounds and cleaning preparations as their chief products in 1937 and were included in this industry; 44 of these were in Ontario, 34 in Quebec, 8 in British Columbia, 5 in Manitoba, 8 in Alberta, 1 in New Brunswick, and 1 in Nova Scotia. Twelve large factories accounted for 87 per cent of the production, 84 per cent of the capital investment, and 74 per cent of the employees.

Capital employed to operate these 101 plants increased to \$14,201,659 from \$11,564,606 in 1936. Expenditures for materials rose to \$11,253,146 from \$9,121,222, and the cost of fuel and electricity was \$396,694 in 1937 against \$362,256 in the previous year.

Forty-one of the plants were engaged primarily in the manufacture of soaps, 20 being in Ontario, 9 in Quebec, 6 in Alberta, 3 in Manitoba, 2 in British Columbia, and 1 in New Brunswick. These establishments reported 1,927 workers and production valued at \$18,012,675. In 1936 there were 39 soap factories with 1,631 employees, and production at \$14,709,731.

Thirty-four establishments made washing compounds as their main products; 15 were in Quebec, 12 in Ontario, 4 in British Columbia, 1 in Nova Scotia, 1 in Manitoba, and 1 in Alberta. Output was valued at \$542,203 and employees numbered 166 compared with production at \$554,440 and employees at 175 for the 37 factories in this group in 1936. Javelle water was the chief product.

Twenty-six establishments made cleaning preparations as their main products in 1937 of which 12 were in Ontario, 10 in Quebec, 2 in British Columbia, 1 in Manitoba, and 1 in Alberta. Production amounted in value to \$1,139,010 and the number of employees was 191. The main products were cleaning powders, hand cleaner, drain pipe cleaner, etc.. In 1936 the 26 works in this group reported 187 employees and total output valued at \$1,049,331.

Tables 1 to 15, inclusive, of this report refer only to the Soaps, Washing Compounds and Cleaning Preparations Industry which includes the firms reporting these articles as their major products. Small quantities of soap, etc., were made by concerns which have been classified to other industrial groups, so Table 16 has been added to show the total Canadian production. This summary shows that the output for Canada during 1937 was as follows: bar household and laundry soaps, 33,631 tons at \$3,631,171; soap chips and flakes, 19,214 tons at \$3,046,032; toilet soaps, 18,415 tons at \$5,080,194; castile soaps, 1,679 tons at \$300,995; soap powders, 16,734 tons at \$2,694,820; textile and mill soaps, 1,956 tons at \$279,968; polishing and scouring soaps, 84 tons at \$10,533; shaving soaps and creams, 484 tons at \$694,195; other hard soaps, 378 tons at \$47,739; liquid soaps, 843 tons at \$191,229; soft soaps, 1,255 tons at \$130,819; ammonia powder, 1,505 tons at \$110,040; javelle water, \$485,795; other washing compounds, \$146,833; hand cleaner, 442 tons at \$108,836; cleaning or scouring powders, 6,802 tons at \$834,384; drain pipe cleaner, toilet flush, etc., 646 tons at \$87,054, and other cleaning preparations, \$103,287.

Imports of soaps into Canada during the calendar year 1937 were valued at \$585,778. This total included 2,406 tons of laundry soap, mostly from the United States; 464 tons of castile soap, mostly from France; 270 tons of soap powders, mostly from the United States; 42 tons of liquid soaps; \$121,998 worth of toilet soaps, and smaller quantities of harness, whale oil, pumice and mineral soaps. The imports of liquid soap were lower than in 1936 while foreign purchases of pumice and mineral soap, whale oil soap, toilet soap, powdered soap, laundry soap, and castile soap showed increases.

Exports of soaps were appraised at \$1,256,815 in 1937 compared with \$948,819 in the previous year. The 1937 shipments included 7,153 tons of toilet soap worth \$1,240,872 sent chiefly to the United Kingdom and the Netherlands, and 101 tons of other soaps at \$15,943, shipped chiefly to the United Kingdom and West Indies.

Table 1 - PRINCIPAL STATISTICS OF THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY, 1920 - 1937.

Year	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1920	38	15,016,313	1,565	1,853,881	430,746	11,961,366	17,727,002
1921	43	14,755,121	1,533	1,842,062	336,958	7,812,704	13,551,521
1922	45	14,155,759	1,534	1,876,093	321,742	7,659,100	13,486,618
1923	44	14,058,021	1,674	2,079,169	334,844	8,558,954	15,288,587
1924	42	14,749,425	1,531	1,983,946	267,945	7,933,139	13,521,737
1925	57	14,489,542	1,553	2,099,806	256,836	8,949,500	14,068,378
1926	62	14,609,530	1,499	1,993,871	302,501	9,556,596	14,847,018
1927	62	16,128,456	1,549	2,036,783	268,237	9,890,020	15,528,100
1928	71	17,995,983	1,884	2,160,696	281,659	10,190,307	16,998,728
1929	61	18,152,849	1,854	2,578,507	271,005	11,002,034	19,218,726
1930	68	18,340,715	1,648	2,400,116	285,779	9,996,739	18,167,838
1931	69	15,322,398	1,699	2,487,237	325,915	7,990,246	17,047,452
1932	85	13,801,620	1,777	2,426,190	293,743	6,478,638	14,739,158
1933	93	13,139,674	1,776	2,302,315	294,883	6,494,999	14,263,234
1934	101	12,500,929	1,818	2,301,727	346,066	7,182,860	13,614,464
1935	104	14,118,130	1,931	2,490,918	367,775	8,980,703	16,002,048
1936	102	11,564,606	1,993	2,540,559	362,256	9,121,222	16,313,502
1937	101	14,201,659	2,284	2,836,208	396,694	11,253,146	19,693,888
Per cent change 1937 from 1936	-1.0	+ 22.8	+14.6	+ 11.6	+ 9.5	+ 23.4	+ 20.7

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1935 - 1937.

Year	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>1935</u>							
Soaps	38	12,905,760	1,584	2,093,642	345,241	8,387,762	14,365,734
Cleaning preparations	27	803,614	186	179,719	15,627	420,232	1,102,881
Washing compounds	39	408,756	161	217,557	6,907	172,709	533,433
TOTAL	104	14,118,130	1,931	2,490,918	367,775	8,980,703	16,002,048
<u>1936</u>							
Soaps	39	10,481,418	1,631	2,120,148	339,725	8,554,903	14,709,731
Cleaning preparations	26	660,344	187	185,048	15,412	418,927	1,049,331
Washing compounds	37	422,844	175	235,363	7,119	147,392	554,440
TOTAL	102	11,564,606	1,993	2,540,559	362,256	9,121,222	16,313,502
<u>1937</u>							
Soaps	41	12,777,848	1,927	2,422,631	374,087	10,669,209	18,012,675
Cleaning preparations	26	948,652	191	192,372	15,688	436,338	1,139,010
Washing compounds	34	475,159	166	221,205	6,919	147,599	542,203
TOTAL	101	14,201,659	2,284	2,836,208	396,694	11,253,146	19,693,888

**Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1936 and 1937.**

Province	No. of plants	Capital employed	Average	Salaries and wages	Cost of	Cost of materials at works	Gross selling value of products at works
			number of employees		fuel and electricity at works		
		\$		\$	\$	\$	\$
<u>1936</u>							
Quebec .....	34	1,312,786	329	419,020	29,630	639,888	1,688,259
Ontario .....	47	8,399,857	1,413	1,820,754	290,468	7,585,923	12,887,200
Manitoba .....	5	942,001	102	117,128	18,364	337,653	655,141
British Columbia	9	340,986	70	68,340	5,196	169,229	367,845
New Brunswick ..	1)						
Alberta .....	5)	568,976	79	115,317	18,598	388,529	715,057
Saskatchewan ...	1)						
CANADA .....	102	11,564,606	1,993	2,540,559	362,256	9,121,222	16,313,502
<u>1937</u>							
Quebec .....	34	1,594,064	331	403,059	29,075	704,871	1,752,103
Ontario .....	44	10,644,684	1,690	2,108,538	323,820	9,577,412	16,060,328
Manitoba .....	5	1,004,232	98	127,040	19,800	370,759	659,661
British Columbia	8	327,659	63	73,576	5,480	180,936	422,657
Nova Scotia .....	1)						
New Brunswick ...	1)	631,020	102	123,995	13,519	419,168	799,139
Alberta .....	8)						
CANADA .....	101	14,201,659	2,284	2,836,208	396,694	11,253,146	19,693,888

**Table 4 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES and CAPITAL EMPLOYED, 1937.**

	Number of plants	Capital employed	Number of employees	Gross selling value of products at works
		\$	\$	\$
<u>(a) PRODUCTION</u>				
Under \$5,000 .....	36	137,704	69	101,611
\$5,000 to \$10,000 .....	13	80,327	46	93,869
\$10,001 to \$25,000 .....	18	239,617	89	289,153
\$25,001 to \$50,000 .....	8	357,361	101	596,560
\$50,001 to \$100,000 .....	6	160,635	51	213,272
\$100,001 to \$250,000 .....	8	1,248,682	235	1,255,280
\$250,001 to \$500,000 .....	8	2,135,520	309	2,787,075
Over \$500,000 .....	4	9,841,813	1,384	14,357,068
TOTAL .....	101	14,201,659	2,284	19,693,888
<u>(b) NUMBER OF EMPLOYEES</u>				
1 or 2 .....	32	136,210	46	110,503
3 to 10 .....	43	791,490	215	909,698
11 to 20 .....	9	852,320	133	924,325
21 to 50 .....	10	1,727,350	330	2,421,765
Over 50 .....	7	10,694,289	1,560	15,327,597
TOTAL .....	101	14,201,659	2,284	19,693,888
<u>(c) CAPITAL EMPLOYED</u>				
Under \$25,000 .....	67	424,912	212	542,405
\$25,000 to \$100,000 .....	15	620,227	169	869,958
\$100,001 to \$500,000 .....	15	3,314,707	519	3,924,457
Over \$500,000 .....	4	9,841,813	1,384	14,357,068
TOTAL .....	101	14,201,659	2,284	19,693,888

Table 5 - CAPITAL EMPLOYED, BY PROVINCES, 1936 and 1937.

Province	Present value	Present value	Operating	TOTAL CAPITAL EMPLOYED
	of lands, build- ings, machinery, tools and other equipment	of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies on hand	capital (cash, bills and accounts re- ceivable, pre- paid expenses, etc.)	
	\$	\$	\$	\$
<u>1936</u>				
Quebec .....	813,773	246,012	253,001	1,312,786
Ontario .....	3,646,105	3,001,578	1,752,174	8,399,857
Manitoba .....	718,074	192,359	31,568	942,001
British Columbia .	214,690	107,579	18,717	340,986
New Brunswick ....)				
Alberta .....	246,406	285,226	37,344	568,976
Saskatchewan .....				
CANADA .....	5,639,048	3,832,754	2,092,804	11,564,606
<u>1937</u>				
Quebec .....	880,709	260,418	452,937	1,594,064
Ontario .....	4,651,708	4,648,887	1,344,089	10,644,684
Manitoba .....	720,233	248,637	35,362	1,004,232
British Columbia .	190,038	117,118	20,503	327,659
Nova Scotia .....				
New Brunswick ....)	247,395	344,054	39,571	631,020
Alberta .....				
CANADA .....	6,690,083	5,619,114	1,892,462	14,201,659

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1936 and 1937.

Province	Average Number of Employees					Salaries	Wages	TOTAL SALARIES and WAGES
	On Salaries		On Wages		TOTAL			
	Male	Female	Male	Female				
					\$	\$	\$	
<u>1936</u>								
Quebec .....	87	21	181	40	329	250,506	168,514	419,020
Ontario .....	415	112	729	157	1,413	938,093	882,661	1,820,754
Manitoba .....	38	12	45	7	102	72,334	44,794	117,128
British Columbia .	25	6	25	14	70	36,997	31,343	68,340
New Brunswick ....)								
Alberta .....	26	3	43	7	79	59,324	55,993	115,317
Saskatchewan .....								
CANADA .....	591	154	1,023	225	1,993	1,357,254	1,183,305	2,540,559
<u>1937</u>								
Quebec .....	92	20	181	38	331	241,172	161,887	403,059
Ontario .....	513	122	855	200	1,690	986,843	1,121,695	2,108,538
Manitoba .....	37	11	43	7	98	80,450	46,590	127,040
British Columbia .	25	4	29	5	63	37,455	36,121	73,576
Nova Scotia .....								
New Brunswick ....)	37	4	54	7	102	65,798	58,197	123,995
Alberta .....								
CANADA .....	704	161	1,162	257	2,284	1,411,718	1,424,490	2,836,208

Table 7 - WAGE-EARNERS, BY MONTHS, 1936 and 1937.

Month	1 9 3 6			1 9 3 7		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	976	219	1,195	1,080	208	1,288
February .....	989	209	1,198	1,138	231	1,369
March .....	1,021	212	1,233	1,157	245	1,402
April .....	990	216	1,206	1,162	255	1,417
May .....	997	203	1,200	1,169	261	1,430
June .....	1,005	206	1,211	1,181	290	1,471
July .....	1,027	211	1,238	1,176	284	1,460
August .....	1,040	224	1,264	1,189	295	1,484
September .....	1,091	251	1,342	1,200	319	1,519
October .....	1,104	260	1,364	1,229	313	1,542
November .....	1,088	245	1,333	1,192	258	1,450
December .....	1,066	223	1,289	1,142	222	1,364
AVERAGE .....	1,023	225	1,248	1,162	257	1,419

Table 8 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS, 1936 and 1937. (Overtime not included)

Regular hours worked	Per cent of wage-earners		Regular hours worked	Per cent of wage earners	
	1936	1937		1936	1937
40 hours or less ..	21.4	21.9	51 - 53 hours .....	1.1	0.2
41 - 43 hours .....	2.6	0.2	54 hours .....	0.6	0.4
44 hours .....	19.6	13.8	55 hours .....	0.6	0.6
45 - 47 hours .....	5.7	46.4	56 - 59 hours .....	1.0	0.3
48 hours .....	39.6	8.0	60 hours and over ..	0.8	0.5
49 - 50 hours .....	7.0	7.7			

Table 9 - FUEL AND ELECTRICITY USED, 1936 and 1937.

Kind	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal - Canadian ..	short ton	3,651	20,582	3,776	19,809
Imported ..	short ton	43,916	243,261	47,009	259,498
Anthracite coal .....	short ton	221	2,429	179	1,982
Lignite coal - Canadian .....	short ton	3	28	120	229
Coke .....	short ton	111	1,171	84	919
Gasoline .....	Imp. gal.	1,415	333	3,880	1,052
Kerosene .....	Imp. gal.	926	163	448	96
Fuel oil .....	Imp. gal.	153,470	8,629	181,590	11,079
Gas - Manufactured .....	M cu.ft.	1,298	1,325	1,131	1,069
Natural .....	M cu.ft.	20	15	254	110
Wood .....	cord	120	472	171	713
Other fuel .....	\$	...	20,023	...	25,626
Electricity purchased .....	K. W. H.	6,397,916	63,825	7,945,739	74,512
TOTAL .....	\$	...	362,256	...	396,694

Table 10 - POWER EQUIPMENT, 1936 and 1937.

	1 9 3 6		1 9 3 7	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines ...	14	630	16	723
Gasoline engines .....	2	7	2	7
Total Primary .....	16	637	18	730
Electric motors operated by purchased power .....	1,032	5,727	1,124	6,150
TOTAL .....	1,048	6,364	1,142	6,880
Boilers .....	47	8,492	47	7,755

Table 11 - POWER EQUIPMENT, 1937, SHOWING UNITS 'ORDINARILY IN USE' separately from 'IN RESERVE OR IDLE'

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines ...	14	635	2	88
Gasoline engines .....	2	7	...	...
Total Primary .....	16	642	2	88
Electric motors operated by purchased power .....	1,077	5,971	47	179
TOTAL .....	1,093	6,613	49	267
Boilers .....	41	6,540	6	1,215

Table 12 - MATERIALS USED IN MANUFACTURING, 1936 and 1937.

Materials	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Carbon tetrachloride .....	lb.	61,378	3,888	55,495	3,349
Chloride of lime .....	lb.	1,094,322	25,569	1,123,614	23,161
Cocoonut oil .....	lb.	24,621,117	1,304,849	27,942,794	1,799,836
Corn oil .....	lb.	16,180	1,253	14,284	1,348
Cottonseed oil .....	lb.	35,693	1,622	104,417	7,322
Essential oils and perfumes ....	\$	...	349,342	...	367,376
Ethyl alcohol .....	Imp.gal.	5,707	5,873	5,682	5,796
Fatty acids (stearic, etc.) ....	lb.	1,654,355	78,500	1,221,866	83,841
Feldspar .....	ton	939	10,221	1,119	13,329
Fish oils .....	lb.	6,978,487	257,485	5,964,214	254,384
Foots (cottonseed, olive, etc.) .	lb.	6,361,809	371,716	7,926,399	537,960
Fuller's earth .....	lb.	1,328,219	20,601	1,167,768	20,393
Glycerine, crude .....	lb.	2,332,593	214,945	1,635,511	221,768
Glycerine, refined .....	lb.	41,718	7,060	45,547	11,018
Hydrogen .....	\$	(x)	(x)	...	27,974
Hydrochloric acid (muriatic) ...	lb.	(x)	(x)	491,034	11,162
Liquid chlorine .....	lb.	539,661	26,499	485,313	30,579
Linseed oil .....	Imp.gal.	27,941	17,554	46,373	27,976
Olive oil .....	lb.	1,339	187	9,928	1,819
Palm oil .....	lb.	24,399,755	1,029,669	27,255,165	1,348,744
Palm kernel oil .....	lb.	2,737,027	123,675	859,093	53,243
Peanut oil .....	lb.	982,100	60,143	1,863,864	129,495

Table 12 - MATERIALS USED IN MANUFACTURING, 1936 and 1937. (concluded)

Materials	Unit of measure	1936		1937	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Petrolatum .....	lb.	115,777	1,851	12,012	781
Potassium hydroxide (caustic potash) .....	lb.	309,166	18,485	327,739	19,992
Rosin .....	lb.	4,522,498	138,637	5,322,905	219,469
Seal oil .....	lb.	(x)	(x)	1,018,212	52,122
Silica sand .....	ton	4,918	79,020	4,685	76,378
Sodium carbonate (soda ash) ....	lb.	9,063,966	160,331	10,332,947	157,752
Sodium hydroxide (caustic soda) .	lb.	18,510,747	523,164	20,280,214	568,320
Sodium chloride (common salt) ..	lb.	5,480,103	36,474	4,017,429	14,958
Sodium silicate (water glass) ..	lb.	28,706,889	236,787	29,213,051	236,392
Soya bean oil .....	lb.	1,321,367	76,282	1,794,313	110,317
Sulphuric acid .....	lb.	(x)	(x)	127,815	2,622
Talc .....	lb.	256,014	2,680	302,520	3,123
Tallow, grease, and other soap stock .....	lb.	35,734,490	1,939,027	42,164,579	2,399,488
Trichlorethylene .....	lb.	10,468	1,105	8,617	880
Trisodium phosphate .....	lb.	2,642,187	72,565	2,601,660	73,268
Whale oil .....	lb.	1,904,488	82,020	1,440,652	65,659
All other materials .....	\$	...	181,873	...	341,379
Containers, etc. ....	\$	...	1,660,270	...	1,928,373
<b>TOTAL .....</b>	<b>\$</b>	<b>...</b>	<b>9,121,222</b>	<b>...</b>	<b>11,253,146</b>

(x) Not asked for separately in 1936.

Table 13 - MATERIALS USED IN MANUFACTURING, BY PROVINCES, 1937.

Materials	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Cost at works \$	Quantity	Cost at works \$	Quantity	Cost at works \$
Carbon tetrachloride ..	lb.	620	59	54,875	3,290	...	...
Chloride of lime .....	lb.	946,900	18,926	146,814	3,142	29,900	1,093
Cocoonut oil .....	lb.	915,084	55,310	25,024,113	1,618,670	2,003,597	125,856
Corn oil .....	lb.	555	139	13,729	1,209	...	...
Cottonseed oil .....	lb.	3,600	468	82,815	5,899	18,002	955
Essential oils and perfumes .....	\$	...	19,765	...	239,444	...	9,413
Ethyl alcohol ...	Imp. gal.	2,093	1,674	3,574	4,110	15	12
Fatty acids (stearic, etc.) .....	lb.	300,449	16,915	921,417	66,926	...	...
Feldspar .....	ton	1,119	13,329	...	...	...	...
Fish oils .....	lb.	...	...	5,964,214	254,384	...	...
Foots (cottonseed, olive, etc.) .....	lb.	30,000	8,100	7,427,571	520,419	468,828	9,441
Fuller's earth .....	lb.	...	...	1,110,686	19,612	57,082	781
Glycerine, crude .....	lb.	619	93	1,634,892	221,675	...	...
Glycerine, refined ...	lb.	14,000	3,273	30,553	7,480	994	265
Hydrogen .....	\$	...	...	...	27,974	...	...
Hydrochloric acid (muriatic) .....	lb.	...	...	409,177	8,479	81,857	2,683
Liquid chlorine .....	lb.	284,150	12,277	181,160	15,805	20,002	2,497



Table 13 - MATERIALS USED IN MANUFACTURING, BY PROVINCES, 1937. (concluded)

Materials	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Cost at works \$	Quantity	Cost at works \$	Quantity	Cost at works \$
Linseed oil .... Imp. gal.		40,480	21,300	4,216	5,155	1,677	1,521
Olive oil .....	lb.	1,200	204	8,728	1,615	...	...
Palm oil .....	lb.	1,055,093	45,975	25,295,520	1,259,462	904,552	43,307
Palm kernel oil .....	lb.	30,000	1,500	829,093	51,743	...	...
Peanut oil .....	lb.	...	...	1,791,345	125,088	72,519	4,407
Petrolatum .....	lb.	...	...	...	583	7,399	198
Potassium hydroxide (caustic potash) ....	lb.	159,596	7,172	133,328	10,564	34,815	2,256
Rosin .....	lb.	168,240	5,530	3,758,825	160,476	1,395,840	53,463
Seal oil .....	lb.	...	...	1,015,712	52,035	2,500	87
Silica sand .....	ton	1,258	12,140	3,073	59,284	354	4,954
Sodium carbonate (soda ash) .....	lb.	1,164,600	22,066	8,150,900	115,983	1,017,447	19,703
Sodium chloride (common salt) .....	lb.	196,000	1,203	3,548,704	11,752	272,725	2,003
Sodium hydroxide (caustic soda) .....	lb.	1,502,870	46,481	16,231,964	441,506	2,545,380	80,333
Sodium silicate (water glass) .....	lb.	1,761,249	21,274	24,188,128	162,273	3,263,674	54,845
Soya bean oil .....	lb.	110,000	6,900	1,250,604	77,926	433,709	25,491
Sulphuric acid .....	lb.	...	...	109,645	2,109	18,170	513
Talc .....	lb.	45,745	494	255,375	2,587	1,400	42
Tallow, grease and other soap stock ....	lb.	2,121,854	114,682	32,243,053	1,928,300	7,799,672	356,506
Trichloroethylene ....	lb.	940	134	7,677	746	...	...
Trisodium phosphate ..	lb.	307,700	10,699	2,246,068	60,234	47,892	2,335
Whale oil .....	lb.	...	...	1,426,043	65,499	14,609	160
All other materials ..	\$	...	38,560	...	284,196	...	18,622
Containers, etc. ....	\$	...	198,229	...	1,581,023	...	149,121
<b>TOTAL .....</b>	<b>\$</b>	<b>...</b>	<b>704,871</b>	<b>...</b>	<b>9,577,412</b>	<b>...</b>	<b>970,863</b>

Table 14  $\nabla$  PRODUCTS MADE, 1936 and 1937.

NOTE - Data given in this table are for the Soaps, Cleaning Preparations and Washing Compounds Industry and represent only the production of the firms classified to this group (see Directory). The figures for the individual commodities do not necessarily represent the total output for Canada as these articles may have been produced also by concerns which have been classified to other industrial groups. (See Table 16).

Products	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Hard Soaps -					
Bar laundry and household soaps -					
(a) Yellow .....	lb.	37,221,325	1,921,243	38,951,041	2,185,798
(b) White .....	lb.	26,553,482	1,189,391	26,585,230	1,380,620
Soap chips and flakes -					
In household packages .....	lb.)	38,528,178	2,711,823	22,237,002	2,100,969
In bulk .....	lb.)			15,880,855	924,348

Table 14 - PRODUCTS MADE, 1936 and 1937. (concluded)

Products	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Selling value at works \$.	Quantity	Selling value at works \$
Hard Soaps - (concluded)					
Textile and mill soaps, <del>at 2 cents</del> lb.	1,747,392	130,088	2,638,298	192,645	
Toilet soaps .....	lb. 28,820,080	3,723,175	35,446,429	4,737,145	
Polishing and scouring soaps ..	lb. 177,155	12,336	168,722	10,533	
Castile soaps -					
(a) Boiled .....	lb. 903,375	90,773	811,816	84,635	
(b) Cold process .....	lb. 2,013,729	138,460	2,523,840	215,808	
Soap powders -					
In household packages .....	lb.)				
In bulk .....	lb.) 27,712,187	2,027,962	30,654,298	2,514,400	
			2,810,701	180,230	
Shaving soaps -					
(a) Creams .....	lb. 386,960	250,536	303,993	285,799	
(b) All others .....	lb. 404,993	177,147	487,078	206,299	
All other hard soaps .....	lb. 576,834	29,825	543,299	28,804	
Liquid soaps .....	lb. 1,024,829	72,434	1,343,601	170,068	
Soft soaps .....	lb. 1,298,550	68,601	1,738,689	97,623	
Cleaning Preparations -					
Ammonia powder .....	lb. 3,061,856	107,526	3,010,373	110,040	
Chloride of lime .....	lb. 185,120	18,575	178,800	17,905	
Hand cleaner .....	lb. 750,681	85,235	719,667	92,503	
Sal soda .....	lb. 2,551,155	43,182	2,650,773	43,181	
Javelle water and sodium hypochlorite .....	\$ ...	480,523	...	485,460	
Other washing compounds .....	lb. 821,601	66,401	625,150	64,903	
Cleaning or scouring powders or pastes .....	lb. 13,544,337	788,844	13,389,744	820,529	
Drain pipe cleaner, toilet flush, etc. ....	lb. 1,112,351	78,111	1,285,183	86,564	
Other cleaning preparations ...	lb. 742,180	69,185	903,151	81,053	
Glycerine, crude, sold as such .	lb. 1,624,194	173,935	2,036,080	265,316	
Glycerine, refined .....	lb. 7,895,868	1,002,395	8,020,131	1,382,704	
Toilet preparations .....	\$ ...	492,592	...	584,130	
All other products (x) .....	\$ ...	363,199	...	344,076	
TOTAL .....	\$ ...	16,313,502	...	19,693,888	

(x) Includes textile softeners and finishes, laundry blue, lye, lard oil, floor wax, deodorants, disinfectants, and other miscellaneous products.

Table 15 - PRODUCTS MADE, BY PROVINCES, 1937.

Products	QUEBEC		ONTARIO		OTHER PROVINCES	
	Quantity	Selling value	Quantity	Selling value	Quantity	Selling value
		at works		at works		at works
		\$		\$		\$
Hard Soaps -						
Bar laundry and household soaps -						
(a) Yellow ..... lb.	2,759,727	134,670	24,889,930	1,362,813	11,301,384	688,315
(b) White ..... lb.	50,000	6,337	19,284,381	910,554	7,248,849	463,729
Soap chips and flakes .....	lb. 1,910,053	110,341	33,944,064	2,726,209	2,263,740	188,767
Textile and mill soaps, all forms	lb. 400,000	28,000	2,238,298	164,645	...	...
Toilet soaps ....	lb. 1,082,039	197,860	33,722,984	4,455,633	641,406	83,652
Polishing and scouring soaps .	lb. 100,000	5,000	68,722	5,533	...	...
Castile soaps -						
(a) Boiled .....	lb. 27,694	3,560	633,505	62,976	150,617	18,099
(b) Cold process	lb. 256,165	17,336	1,945,758	166,735	323,917	31,737
Soap powders ....	lb. 67,633	5,617	32,542,202	2,625,314	855,164	63,699
Shaving soaps -						
(a) Creams .....	lb. 78,914	79,934	225,079	205,865	...	...
(b) all others .	lb. 198,164	120,691	287,914	85,408	1,000	200
All other hard soap .....	lb. 426,000	21,300	71,690	5,008	45,609	2,296
Liquid soaps .....	lb. 130,000	5,500	1,063,692	158,675	149,909	5,893
Soft soaps .....	lb. 660,000	30,300	697,237	44,016	381,452	23,307
Cleaning Preparations -						
Ammonia powder ..	lb. ...	...	2,914,478	103,993	95,895	6,047
Hand cleaner ....	lb. 564,980	77,291	141,870	13,586	12,817	1,626
Javelle water and sodium hypochlorite .....	\$ ...	314,847	...	142,780	...	27,833
Other washing compounds .....	lb. 93,045	7,583	326,825	41,587	205,280	15,733
Cleaning or scouring powders or pastes .....	lb. 5,307,888	408,250	7,294,749	399,861	787,107	12,418
Other cleaning preparations, including drain pipe cleaner ...	lb. 802,327	63,008	1,300,047	100,089	85,960	4,520
Glycerine, crude, sold as such .....	lb. 32,963	4,681	951,451	125,178	1,051,666	135,457
Glycerine, refined	lb. ...	...	8,020,131	1,382,704	...	...
Toilet preparations .....	\$ ...	73,084	...	510,746	...	300
All other products (x) ....	\$ ...	36,913	...	260,420	...	107,859
<b>TOTAL .....</b>	<b>\$ ...</b>	<b>1,752,103</b>	<b>...</b>	<b>16,060,328</b>	<b>...</b>	<b>1,881,457</b>

(x) Includes products reported by only 1 or 2 firms.

Table 16 - TOTAL PRODUCTION IN CANADA OF SOAPS, WASHING COMPOUNDS, CLEANING PREPARATIONS, ETC., 1936 and 1937.

NOTE - The figures represent the total Canadian production of the commodities listed, regardless of the industries in which produced. Data for 1937 are subject to slight revision on further examination of the individual reports.

Items	1 9 3 6		1 9 3 7	
	Selling value		Selling value	
	Quantity	at works	Quantity	at works
	Pounds	\$	Pounds	\$
Hard Soaps -				
Bar laundry and household soaps -				
(a) Yellow .....	37,270,884	1,923,570	39,067,140	2,191,921
(b) White .....	27,783,650	1,234,163	28,194,165	1,439,250
Soap chips and flakes -				
(a) In household packages .....			22,481,464	2,115,162
(b) In bulk (except textile and mill .....	38,774,831	2,728,661	15,947,455	930,870
Textile and mill soaps (including soap chips and flakes) (x) .....	2,502,730	169,766	3,911,010	279,968
Toilet soaps .....	29,963,007	4,050,004	36,830,705	5,080,194
Polishing and scouring soaps .....	177,155	12,336	168,722	10,533
Castile soaps -				
(a) Boiled .....	921,156	91,958	835,101	85,187
(b) Cold process .....	2,013,729	138,460	2,523,840	215,808
Soap powders -				
(a) In household packages .....			30,654,298	2,514,400
(b) In bulk .....	27,715,013	2,028,107	2,814,193	180,420
Shaving soaps -				
(a) Creams .....			457,522	427,043
(b) All other .....	959,399	639,580	510,034	267,152
All other hard soap .....	576,834	29,825	756,899	47,739
Liquid soaps .....	1,288,997	97,170	1,685,091	191,229
Soft soaps .....	2,049,693	113,848	2,509,276	130,819
Ammonia powder .....	3,061,856	107,526	3,010,373	110,040
Javelle water and sodium hypochlorite .....	...	480,529	...	485,795
Other washing compounds .....	1,036,721	87,057	1,687,127	146,833
Hand cleaner .....	846,741	92,868	883,737	108,836
Cleaning or scouring powders, pastes and cakes .....	13,544,337	788,844	13,604,644	834,384
Drain pipe cleaner, toilet flush, etc. ....	1,168,351	82,056	1,292,183	87,054
Other cleaning preparations .....	1,107,180	83,644	1,168,651	103,287
Sal soda .....	2,551,155	43,182	2,650,773	43,181
Chloride of lime .....	185,120	18,575	178,800	17,905
Lye .....	2,284,736	293,778	2,574,963	333,661
Glycerine, crude .....	1,624,194	173,935	2,036,080	265,316
Glycerine, refined .....	7,895,868	1,002,395	8,020,131	1,382,704

(x) Includes some liquid and soft soaps.

Table 17 - IMPORTS OF SOAP INTO CANADA, 1936 and 1937.

Commodity	Country of Origin	1 9 3 6		1 9 3 7	
		Pounds	\$	Pounds	\$
Castile soap .....	TOTAL IMPORTS	692,122	46,490	926,860	64,247
	United Kingdom	88,105	5,858	117,387	8,161
	United States.	9,024	1,426	18,740	3,428
	France .....	594,993	39,206	790,733	52,658
Common or laundry soap .	TOTAL IMPORTS	4,166,824	257,498	4,812,027	297,810
	United Kingdom	348,626	23,553	574,780	36,862
	United States.	3,702,687	227,380	4,083,303	251,750
	France .....	115,348	6,536	102,301	6,246
Harness soap .....	TOTAL IMPORTS .	3,000	390	2,827	465
	United Kingdom	3,000	390	1,878	406
	United States.	...	...	949	59
Liquid soap .....	TOTAL IMPORTS	97,026	8,295	83,628	9,045
	United Kingdom	12,272	934	9,474	809
	United States.	83,710	7,129	67,899	7,191
Soap powders and powdered soap .....	TOTAL IMPORTS	511,753	41,671	540,183	40,472
	United Kingdom	15,100	1,570	7,630	885
	United States	487,303	39,294	531,719	39,493
Toilet soap, n.o.p. ....	TOTAL IMPORTS	...	102,231	...	121,998
	United Kingdom	...	61,383	...	77,063
	United States	...	20,127	...	26,728
	France .....	...	6,998	...	6,543
Whale oil soap .....	TOTAL IMPORTS	10,394	644	15,886	968
	United Kingdom	...	...	112	6
	United States.	10,394	644	15,774	962
Soap, n.o.p., including pumice, silver and mineral soaps, sapolio and like articles -	TOTAL IMPORTS	...	44,772	...	50,773
	United Kingdom	...	13,127	...	13,103
	United States	...	28,989	...	34,892
TOTAL SOAP .....	TOTAL IMPORTS	...	501,991	...	585,778
	United Kingdom	...	106,815	...	137,295
	United States	...	324,989	...	364,503

Table 18 - EXPORTS OF SOAP FROM CANADA, 1936 and 1937.

Commodity	Country of Destination	1936		1937	
		Pounds	\$	Pounds	\$
Toilet soap . . . .	TOTAL EXPORTS . . . . .	10,830,565	931,594	14,306,885	1,240,872
	United Kingdom . . . . .	9,469,525	775,261	11,962,987	985,631
	United States . . . . .	1,046	200	1,330	253
	Irish Free State . . . . .	262	615	...	...
	Bermuda . . . . .	1,938	432	...	...
	Barbados . . . . .	18,807	3,797	28,271	5,470
	Jamaica . . . . .	102,439	19,975	137,893	27,208
	Trinidad and Tobago . . . . .	52,374	10,170	73,768	14,260
	Other Br. West Indies . . . . .	27,885	5,442	38,773	7,932
	Newfoundland . . . . .	26,921	4,241	42,846	8,614
	Netherlands . . . . .	652,005	46,146	1,367,955	100,035
	New Zealand . . . . .	166,058	17,984	399,776	37,803
Soap, n.o.p. . . . .	TOTAL EXPORTS . . . . .	225,619	17,225	200,855	15,943
	United Kingdom . . . . .	46,022	6,438	23,923	3,443
	United States . . . . .	2,607	242	6,625	618
	Trinidad and Tobago . . . . .	124,000	6,337	119,420	7,312

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS INDUSTRY, 1937.

This Directory is not intended to be a complete list of firms in Canada which manufacture soaps, cleaning preparations or washing compounds. It is merely a list of the concerns which have been classified, by the Bureau, to the Soaps, Cleaning Preparations and Washing Compounds Industry which includes only the plants that produce these commodities as their MAJOR products. These articles also may have been made as minor products by firms which have been classified to other groups such as the Toilet Preparations Industry. Persons desiring more detailed information should write direct to the Dominion Bureau of Statistics at Ottawa.

Names of Firms

Location of Plants

(a) SOAPS

NEW BRUNSWICK -

The St. Croix Soap Mfg. Co. Water St., St. Stephen

QUEBEC -

Albert Soaps, Limited	336 McCord St., Montreal
Canadian Soap and Chemical Co.	1353 Notre Dame St. E., Montreal
Darling & Brady, Limited	1971 Richardson St., Montreal
Maheux, Alphonse	478 St. Vallier St., Quebec
Roy, Alphonse D. (Savon Majestic Ltee.)	1853 Moreau St., Montreal
Savonnerie Bourbeau, Enrg.	675 Chemin Ste. Foy, Quebec
Savonnerie du Saguenay	Lac Bouchette
Sewards Soap Company	Ville St. Pierre (near Montreal)
Williams, The J. B., Co. (Canada) Ltd.	9471 La Salle Blvd., Ville La Salle.

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING  
COMPOUNDS INDUSTRY, 1937. (continued)

Names of Firms

Location of Plants

(a) SOAPS (concluded)

ONTARIO -

Canada Packers Limited	Strachan Ave., Toronto
Colgate-Palmolive-Peet Company, Ltd.	64 Natalie St., Toronto
Diamond Cleanser & Soaps Limited	1180 King St. W., Toronto
Elliott, J. & R.	Water St., Galt
Fibre Soap Company	17 Dalhousie St., Toronto
Fairbanks Soap Co. Ltd.	353 Eastern Ave., Toronto
Huntingdon Laboratories of Canada, Ltd.	72-76 Duchess St., Toronto
Jardine, Samuel	357 Eastern Ave., Toronto 8
Judd Soap Co.	47 Cathcart St., Hamilton
Leeds Soaps Ltd.	201 Weston Road S., Toronto
Lever Brothers Limited	299 Eastern Ave., Toronto
London Soap Co. Ltd., The	197 Ottaway Ave., London
Malone Oil Company Ltd.	95 Don Roadway, Toronto
Procter & Gamble Co. of Canada, Ltd., The	Burlington St. E., Hamilton
Riddell Soap Company	1264 Queen St. W., Toronto
Scholler Brothers, Limited	Welland and Vine Sts., St. Catharines
Soaps-Perfumes Ltd.	84 Front St. E., Toronto
Wonderful Soap Company, Ltd.	16 Waterloo St., Guelph
Wood, G. H., & Company, Limited	323 Keele St., Toronto
Windsor Soap Co.	365 Assumption St., Windsor

MANITOBA -

Beaver Soap & Chemicals Limited	1377 Winnipeg Ave., Winnipeg
Northern Soap Company Ltd., The	394 Gertrude Ave., Winnipeg
Royal Crown Soaps Limited, The	289 King St., Winnipeg

ALBERTA -

Acme Soap Works	57th St. and 127th Ave., Edmonton
Berry's Soap Gramules	9840 - 61st Avenue, Edmonton
Royal Crown Soaps Limited, The	11th St., East Calgary
Savo Soaps Ltd.	10139 - 82nd Avenue, Edmonton
Soapone Products Limited	12803 - 64th St., Edmonton
Tobias, S. D., Co.	210 - 1st St. E., Calgary

BRITISH COLUMBIA -

Royal Crown Soaps Limited, The	308 Georgia St. E., Vancouver
Standard Soaps & Sundries	520 Nelson St., Vancouver

(b) WASHING COMPOUNDS

NOVA SCOTIA -

Selected Products	Water St., Digby
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QUEBEC -

American Javel Water	1875 Favard St., Montreal
Dalglisch & Company	6631 St. Urbain St., Montreal
Demontigny & Ponlot	39 .. 7th St., Quebec
Eau Javelle Huot	5450 .. 15th Avenue, Rosemont

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING  
COMPOUNDS INDUSTRY, 1937. (continued)

Names of Firms

Location of Plants

(b) WASHING COMPOUNDS (concluded)

QUEBEC (concluded) -

Farrell Chemical Ltd.	1220 Dorion St., Montreal
Freniere, J. A.	31 Bagot St., Quebec
Fyon & Fyon, Limited	5357 Papineau Ave., Montreal
Lavo Javel Water Company Ltd.	4413 Marquette St., Montreal
O-Bel-O Javelle Enrg.	5342 Casgrain St., Montreal
Robillard, J. J., & Cie.	4522 Fabre St., Montreal
Rodrigue & Cie.	653 Hertel St., Three Rivers
Rodrigue, Turcotte Cie.	202 St. Valier St., Quebec
Rubin, Wm.	4415 de Bullion St., Montreal
Tellier, James, Ltd.	421 St. Dizzier St., Montreal
Vita Sava	109 .. 7th St., Quebec

ONTARIO -

Atlas Chemical Co.	75 Logan Ave., Toronto
Beecroft Mfg. Co.	567 Oakwood Ave., Toronto
Dalglish & Co.	140 Liberty St., Toronto
Klean-Ez	829 Langlois Ave., Windsor
Klorobleach Co.	69 Lappin Ave., Toronto
Mack's Laundry Specialty Co.	Reserve St., Almonte
Magic White Ltd.	187 Parliament St., Toronto
Marvelo Mfg. Co.	836 Pape Ave., Toronto
National Products Co.	234 Aqueduct St., Welland
Rayola Mfg. Co.	1490 Main St. E., Hamilton
Thompson, Thomas P.	355 Pape Ave., Toronto
United Exterminators & Klorx Co.	175 York St., Hamilton

MANITOBA -

Dainty White Co. Ltd.	729 Stella Ave., Winnipeg
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ALBERTA -

Savage, Francis P.	628 .. 6th Avenue W., Calgary
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BRITISH COLUMBIA -

Perfex Mfg. & Perfection Bleach Co.	118 West Second Ave., Vancouver
Suprema Polish Co. Ltd.	1523 W. 5th Ave., Vancouver
Worth, William	1296 East Georgia St., Vancouver
Wilson Products Co.	2306 Granville St., Vancouver

(c) CLEANING PREPARATIONS

QUEBEC -

Bon Ami Ltd.	13719 Notre Dame St. E., Montreal
Canadian Permag Products Ltd.	735 Ottawa St., Montreal
Chadwick & Co.	162 King St., Montreal
Douglas Chemical Co.	525 Champlain St. E., Montreal
Glyco Co. of Canada	353 St. Nicholas St., Montreal
Lalonde, Frank P., Limited	370 Inspector St., Montreal



DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING  
COMPOUNDS INDUSTRY, 1937. (concluded)

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Names of Firms

Location of Plants

(c) CLEANING PREPARATIONS (concluded)

QUEBEC (concluded) -

Rokeach, I., & Sons of Canada, Limited	6259 Notre Dame St. E., Montreal
Snap Company, Limited	2715 Reading St., Montreal
Texall Products Co.	736 Notre Dame St. W., Montreal
United Chemical Company, Limited	3830 St. Ambroise St., Montreal

ONTARIO -

Alpha Chemical Co. Ltd.	Station Place, Kitchener
Bates Products Ltd.	1264 Queen St. W., Toronto
Chamberlain Desolve Company Limited	522 Hamilton Rd., London
Cudahy Packing Co.	64 Macaulay Ave., Toronto
D'Arcy Mfg. Co.	179 Bolton Ave., Toronto
Eze Manufacturing Co. Limited	253 Huron St., Toronto
Hatfield-Langley Company	249 Spadina Rd., Toronto
Lavoline Cleanser Co. Ltd.	77 York St., Toronto
Nymoc Products Company	4 Maitland St., Toronto
Plunkett Chemical Co. (Canada) Ltd.	66 King St. E., Hamilton
Sapoline Company	1393 Tecumseh Rd., Windsor
Swift Canadian Co. Ltd.	Keele St. and St. Clair Ave., Toronto

MANITOBA -

Old Sol Mfg. Co. Ltd.	805 Erin St., Winnipeg
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ALBERTA -

Alberta Chemical Co.	1439 .. 16th Avenue E., Calgary
Marvello Mfg., The	527 .. 30th Avenue W., Calgary

BRITISH COLUMBIA -

Industrial Process Laboratories	150 Alexander St., Vancouver
Solve Products Ltd.	1458 East Broadway, Vancouver

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