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THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY 1958

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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Chemicals and Allied Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- P preliminary figures.
- r revised figures.

THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY

1958

In 1958 a total of 137 factories in Canada made soaps, washing compound or cleaning preparations as their main products. Factory shipments from these works were valued at \$132,022,831 an increase of 10.4 per cent over the \$118,872,856 reported in 1957. Employees numbered 3,882 compared with 3,680 in 1957; salaries and wages amounted to \$17,020,895 against \$15,411,154 in the previous year.

Fifty plants were engaged primarily in the manufacture of soaps, 22 being located in Ontario, 15 in Quebec, 8 in British Columbia, 3 in Manitoba and 2 in Alberta. These establishments reported 3,050 employees with factory shipments valued at \$109,941,519.

Thirty-seven establishments made washing compounds as their main products, 16 being located in Ontario, 14 in Quebec, 3 in Alberta, 3 in British Columbia and 1 in Manitoba. Their output was valued at \$12,512,146 and employees numbered 412. Salaries and wages paid to the latter, totalled \$1,443,957. Javelle water and sodium hypochlorite were the chief products.

Fifty establishments made cleaning preparations as their main products in 1958: 29 plants were located in Ontario, 16 in Quebec, 3 in British Columbia and 2 in Manitoba. Factory shipments were valued at \$9,569,166; employees numbered 420 and salaries and wages paid amounted to \$1,454,222. The main products were cleaning powders, hand cleaners and toilet bowl cleaners.

Tables 1 to 5 and 8 to 15 of this report refer only to the Soaps, Washing Compounds and Cleaning

Preparations Industry which includes the firms reporting these lines as their chief products. Small quantities of these commodities were made also by concerns which have been classified to other industrial groups, so table 6 has been added to show total Canadian factory shipments. This table shows that the output for Canada during 1958 included the following: 20,477 tons of toilet soaps valued at \$14,637,000; 7,706 tons of bar laundry and household soaps at \$2,525,000; 8,761 tons of soap chips and flakes (including textile and mill soaps) at \$2,920,000; 20,200 tons of soap powders at \$8,563,000; 176 tons of castile soap at \$54,000; 875 tons of shaving soaps and creams at \$2,156,000; 7,000 tons of liquid soaps at \$1,982,000; 1,928 tons of soft soaps at \$363,000; cleaning and scouring powders, etc., at \$6,997,000 and javelle water valued at \$10,096,000. Factory shipments of synthetic detergents amounted to 99,162 tons valued at \$57,474,000.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

TABLE 1. Principal Statistics of the Soaps, Washing Compounds and Cleaning Preparations Industry, Significant Years 1929-58, and by Provinces, 1957 and 1958

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture ¹	Gross sellings value of products ¹
	number		dollars				
1929	61	1,854	2,578,507	271,005	11,002,034	7,945,687	19,218,726
1933	93	1,776	2,302,315	294,883	6,494,999	7,473,352	14,263,234
1934	101	1,818	2,301,727	346,066	7,182,860	6,085,538	13,614,464
1937	101	2,284	2,836,208	396,694	11,253,146	8,044,048	19,693,888
1939	110	2,406	3,142,213	376,980	9,171,373	10,596,719	20,145,072
1945	134	3,210	5,873,994	649,525	18,366,330	18,158,389	37,174,244
1946	150	3,219	6,213,581	645,786	18,268,952	19,360,080	38,274,818
1949	143	3,637	9,373,882	963,732	31,029,359	30,405,120	62,398,211
1954	141	3,756	13,561,883	1,250,280	41,125,268	50,835,903	92,526,205
1955	141	3,827	14,047,369	1,283,680	44,918,815	54,284,965	100,105,140
1956	142	3,722	14,513,612	1,325,218	45,955,138	63,127,847	109,384,798
1957							
Quebec	48	592	1,856,617	130,551	4,122,284	5,741,248	9,969,657
Ontario	66	2,942	13,174,119	1,214,271	43,855,787	61,785,287	105,075,031
Manitoba	6	44	108,047	10,731	620,372	718,910	1,384,390
Alberta	5	25	60,051	4,442	342,340	514,290	863,216
British Columbia	14	77	212,320	12,991	589,583	987,884	1,580,562
Canada	139	3,680	15,411,154	1,372,986	49,530,366	69,747,619	118,872,856
1958							
Quebec	45	585	1,907,897	151,353	4,924,726	5,619,063	10,661,780
Ontario	67	3,155	14,684,826	1,329,894	48,854,609	68,333,655	117,484,774
Manitoba	6	38	115,579	12,006	563,743	817,752	1,386,982
Alberta	5	29	71,680	6,798	503,789	471,391	966,855
British Columbia	14	75	240,913	15,551	683,917	836,065	1,522,440
Canada	137	3,882	17,020,895	1,515,602	55,530,784	76,077,926	132,022,831

¹ See note to text.

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics, by Subgroups,¹ 1957 and 1958

Group	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture ²	Value of factory shipments ²
	number		dollars				
1957							
Soaps	51	2,874	12,728,805	1,169,276	40,976,646	58,317,597	98,757,998
Cleaning preparations	49	397	1,280,012	107,036	3,584,932	4,485,380	8,118,662
Washing compounds	39	409	1,402,337	96,674	4,968,788	6,944,642	11,996,196
Totals.....	139	3,680	15,411,154	1,372,986	49,530,366	69,747,619	118,872,856
1958							
Soaps	50	3,050	14,122,716	1,265,588	45,875,345	63,812,805	109,941,519
Cleaning preparations	50	420	1,454,222	125,040	4,092,687	5,424,694	9,569,166
Washing compounds	37	412	1,443,957	124,974	5,562,752	6,840,427	12,512,146
Totals.....	137	3,882	17,020,895	1,515,602	55,530,784	76,077,926	132,022,831

¹ Sub-division made on basis of principal products.² See note to text.TABLE 3. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
(a) By subgroups				
Opening:				
Soaps	5,843,926	1,446,834	8,878,257	16,169,017
Cleaning preparations	444,699	36,968	434,611	916,278
Washing compounds	453,749	20,170	250,732	724,651
Canada	6,742,374	1,503,972	9,563,600	17,809,946
Closing:				
Soaps	6,811,110	1,534,882	9,802,428	18,148,420
Cleaning preparations	536,016	40,621	504,213	1,080,850
Washing compounds	381,110	11,987	274,922	668,019
Canada	7,728,236	1,587,490	10,581,563	19,897,289
(b) By provinces				
Opening:				
Quebec	621,070	53,785	390,093	1,064,948
Ontario	5,984,507	1,443,268	9,079,102	16,506,877
Manitoba	45,878	4,440	51,556	101,874
Alberta	42,432	928	11,715	55,075
British Columbia	48,487	1,551	31,134	81,172
Canada	6,742,374	1,503,972	9,563,600	17,809,946
Closing:				
Quebec	614,043	57,052	420,188	1,091,283
Ontario	6,971,295	1,516,783	10,038,971	18,527,049
Manitoba	47,406	7,675	54,840	109,921
Alberta	37,465	2,451	25,315	65,231
British Columbia	58,027	3,529	42,249	103,805
Canada	7,728,236	1,587,490	10,581,563	19,897,289

¹ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Soaps, Washing Compounds and Cleaning Preparations Industry for the year under review are shown in the above table.

(c) The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957 because of revisions, such as the addition of new plants, the transfer of plants to other industries and plants going out of business. However, the value added figures for the previous year have not been recalculated to allow for the revisions mentioned above.

TABLE 4. Products Made in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1957 and 1958

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	pounds	\$	pounds	\$
Hard soaps:				
Bar laundry and household soaps (except sold to textile mills):				
(a) Built	1,284,924	144,058	1,023,186	115,677
(b) Not built	13,978,259	2,363,537	14,338,040	2,408,571
Soap chips and flakes:				
(a) In household packages	5,535,756	1,484,881	5,085,936	1,348,677
(b) In bulk (including textile and mill)	12,962,441	1,562,595	12,435,868	1,570,620
Toilet soaps (except liquid)	36,638,107	11,815,548	38,042,999	13,169,106
Castile soaps	548,171	104,157	351,849	53,509
Soap powders:				
(a) In household packages	33,001,134	7,646,134	29,714,748	7,160,864
(b) In bulk (except textile and mill)	10,766,309	1,540,820	10,684,289	1,401,564
Shaving soaps:				
(a) Creams (including brushless)	658,525	1,061,973	757,538	1,109,836
(b) All others	161,809	146,268	137,764	118,119
Liquid soaps	10,174,934	1,285,423	10,193,502	1,357,595
Paste and jelly:				
(a) Packaged in containers under 25 pounds	875,388	105,411	331,013	31,659
(b) Bulk-containers over 25 pounds	1,401,669	157,554	2,371,488	227,742
All other soaps	1,517,648	280,900	1,126,280	112,982
Total soap	129,505,074	29,699,259	126,594,500	30,186,521
Synthetic detergents:				
Liquid (and pastes):				
Packages (when in individual containers of less than 1 gallon)	22,640,198	8,012,536	33,146,365	11,500,090
Bulk (when in individual containers of 1 gallon or more)	5,880,665	707,320	5,826,275	650,302
Solid (including bars, flake or powder):				
Packaged (bar or carton of 25 pounds or less) ..	131,918,065	37,450,125	142,908,873	42,131,173
Bulk (individual bars or cartons of more than 25 pounds)	13,606,466	2,432,658	13,161,306	2,427,184
Total detergents	174,045,394	48,602,639	195,042,819	56,708,749
Cleaning preparations:				
Ammonia powder	733,490	64,032	1,194,250	122,869
Chloride of lime	658,036	83,108	222,400	31,413
Mechanics' hand soaps and paste	3,116,944	513,955	3,945,642	592,895
Javelle water or sodium hypochlorite .....	..	9,857,312	..	10,023,688
Other washing compounds ¹ .....	..	1,558,995	..	1,905,333
Scouring powders, pastes and cakes	44,220,006	6,874,460	46,241,196	6,945,636
Toilet bowl cleaner, including toilet flush	575,484	71,768	1,231,828	160,620
Drain pipe cleaner	201,714	44,184	1,884,175	283,491
Other cleaning preparations:				
Household and laundry, including lye .....	..	148,851	..	871,995
Industrial and other	13,417,966	1,907,097	..	1,949,514
Glycerine, crude, sold as such ²	309,846	52,151	821,494	139,864
Glycerine, refined:				
B.P. and U.S.P. grades	6,681,594	2,101,908	6,674,581	2,100,201
Dynamite grade	1,806,280	436,376	2,464,310	587,193
Other grades	3,474,061	1,053,987	3,236,738	1,028,521
Toilet preparations .....	..	10,489,769	..	12,290,982
All other products ³ .....	..	5,267,079	..	5,924,428
Amount received for work done on other than owned materials (repairs, contract work, etc.) .....	..	45,926	..	168,918
Total all products .....	..	118,872,856	..	132,022,831

¹ Includes sal soda, washing blue, liquid starch, fabric softener, etc.

² Some of the crude glycerine was sold to refiners in this industry and therefore appears again in the figures for refined glycerine.

³ Includes data for textile softeners, floorwax, insecticides and other such miscellaneous items.

Note: Data given in this table are for the Soaps, Washing Compounds and Cleaning Preparations Industry and represent only the production of the firms classified to this group. The figures for the individual commodities do not necessarily represent the total output for Canada as these items may have been produced also by concerns which have been classified to other industrial groups. (See Table 6).

TABLE 5. Materials Used in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1957 and 1958

Material	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Acid, cresylic	lb. 482,186	64,168	357,046	56,752
Acid, oleic	" 239,799	39,266	226,153	37,755
Acid, stearic	" 252,638	38,966	284,669	45,030
Acids, fatty, other	" 1,488,934	180,805	2,905,962	289,795
Acid, hydrochloric (muriatic)	" 309,860	9,891	246,405	8,347
Acid, sulphuric, including oleum (as 100% acid)	" 27,393,079	416,523	28,559,151	427,667
Aluminum sulphate (alum)	" 136,149	4,605	98,438	3,196
Ammonium sulphate	" 160,143	4,958	112,469	3,638
Bentonite (filtrol, Pembina, etc.)	ton 396	29,645	796	45,596
Carbon tetrachloride	lb. 37,565	4,473	33,307	3,695
Chalk, ground	" 82,400	600	60,320	440
Chalk, precipitated	" 37,260	1,979	180,118	3,459
Chloride of lime	" 1,403,874	68,462	1,416,900	73,454
Ethyl alcohol	Imp. gal. 289,949	266,652	419,499	431,318
Feldspar:				
Crude	ton 830	14,926	594	10,703
Ground	" 1,371	23,988	422	7,850
Foots (cottonseed, olive, etc.)	lb. 6,295,202	413,115	5,818,238	439,887
Fuller's earth	ton 329	19,840	266	15,241
Glycerine, crude	lb. 6,893,918	1,164,407	8,497,969	1,391,487
Glycerine, refined	" 16,112	5,472	78,337	26,159
Isopropyl alcohol	" 49,961	5,430	54,257	5,495
Javelle concentrate or sodium hypochlorite, for dilution	" ..	139,140	..	115,906
Lanolin	lb. 35,490	13,082	35,899	12,625
Liquid chlorine (99% pure)	" 8,312,384	349,430	10,151,044	544,745
Oils:				
Cocanut	lb. 13,461,237	1,747,376	12,290,720	1,707,049
Essential	" ..	1,501,082	..	1,502,708
Fish	lb. 8,355	1,359	23,062	1,696
Linseed	Imp. gal. 25,676	40,041	38,778	58,199
Olive	lb. 29,038	12,283	21,368	6,915
Palm kernel	" 51,993	6,546	378,752	49,599
Tall	" 442,393	37,536	527,830	44,257
Other oils	" 419,720	37,457	357,363	39,341
Perfumes				
Potassium hydroxide (caustic potash)	lb. 2,075,619	152,472	2,614,204	181,200
Resin	" 298,314	28,637	287,160	29,420
Silica sand	ton 12,264	237,379	16,281	287,336
Sodium carbonate (soda ash)	lb. 9,158,002	247,102	9,180,542	254,314
Sodium carboxymethylcellulose	" 843,951	206,533	914,979	218,205
Sodium hydroxide (caustic soda)	" 43,414,968	1,668,638	43,057,983	1,658,320
Sodium chloride (common salt)	" 3,875,201	33,717	4,189,535	39,185
Sodium silicate (water glass) 40°	" 24,576,391	398,419	24,631,455	407,838
Sodium tripolyphosphate	" 54,486,752	4,948,427	65,454,881	6,066,886
Talc	ton 109	4,255	119	7,905
Tallow, grease and other soap stocks	lb. 73,587,188	5,596,882	70,416,479	5,573,418
Tetrasodium pyrophosphate	" 14,659,110	1,191,586	5,731,274	520,211
Trichlorethylene	" 85,736	11,068	232,659	33,133
Triethanolamine	" 90,824	26,984	132,206	38,406
Trisodium phosphate	" 6,069,427	354,989	6,466,430	403,444
Wax:				
Beeswax	" 2,035	1,979	2,675	2,659
Carnauba	" 242,900	195,803	198,828	177,526
Paraffin	" 13,832	1,576	14,456	1,644
Other waxes	" 17,038	6,695	147,675	64,872
All other materials .....	...	11,868,811	...	13,910,245
Containers, etc. ....	...	14,911,590	...	17,282,239
Amount paid out for work done on materials owned by the plants reporting in this industry .....	...	436,601	...	514,934
Totals .....	...	49,530,366	...	55,530,784

TABLE 6. Factory Shipments of Soaps, Washing Compounds and Cleaning Preparations, 1957 and 1958 (from All Industries)

Item	1957		1958	
	Quantity pounds	Value of factory shipments \$	Quantity pounds	Value of factory shipments \$
Hard soaps:				
Bar laundry and household soaps:				
(a) Built	1,285,000	144,000	1,023,000	116,000
(b) Not built	13,978,000	2,364,000	14,388,000	2,409,000
Soap chips and flakes:				
(a) In household packages	5,536,000	1,485,000	5,086,000	1,349,000
(b) In bulk (including textile and mill) ¹	12,962,000	1,563,000	12,436,000	1,571,000
Toilet soaps (except liquid)	40,360,000	13,648,000	40,954,000	14,637,000
Castile soaps	548,000	104,000	352,000	54,000
Soap powders:				
(a) In household packages	33,001,000	7,646,000	29,715,000	7,161,000
(b) In bulk	10,766,000	1,541,000	10,684,000	1,402,000
Shaving soaps:				
(a) Creams:				
Lather type	1,132,000	1,576,000	1,033,000	1,392,000
Brushless type	338,000	354,000	455,000	516,000
(b) All other	300,000	294,000	262,000	248,000
Liquid soaps	15,468,000	2,075,000	14,001,000	1,982,000
Paste and jelly	3,277,000	361,000	3,857,000	363,000
All other soaps	2,715,000	452,000	2,430,000	388,000
Total soaps	141,666,000	33,607,000	136,676,000	33,588,000
Ammonia powder	1,281,000	117,000	1,316,000	134,000
Javelle water	—	9,864,000	—	10,096,000
Other washing compounds ²	—	1,688,000	—	2,057,000
Mechanics' hand soaps and pastes	4,141,000	725,000	4,607,000	742,000
Cleaning or scouring powders, pastes and cakes	44,518,000	6,935,000	46,521,000	6,997,000
Toilet bowl cleaner, including toilet flush .....	..	606,000 ^r	..	653,000
Drain pipe cleaner	1,801,000	339,000	2,205,000	368,000
Other cleaning preparations, including lye	—	5,185,000 ^r	—	5,509,000
Chloride of lime	658,000	83,000	224,000	31,000
Glycerine, crude ³	1,322,000	249,000	1,756,000	334,000
Glycerine, refined:				
B.P. and U.S.P. grades	6,682,000	2,102,000	6,675,000	2,100,000
Dynamite grade	1,806,000	436,000	2,464,000	587,000
Other grades	3,474,000	1,054,000	3,237,000	1,029,000
Synthetic detergents	176,992,000	49,340,000	198,324,000	57,474,000

¹ Includes some liquid and soft soaps.

² Includes sal soda, washing blue, liquid starch, fabric softener, etc.

³ Some of the crude glycerine production was sold to refiners in this industry and appears again in the figures for refined glycerine.

Note: The above figures represent the total Canadian production of the commodities listed, regardless of the industries in which produced.

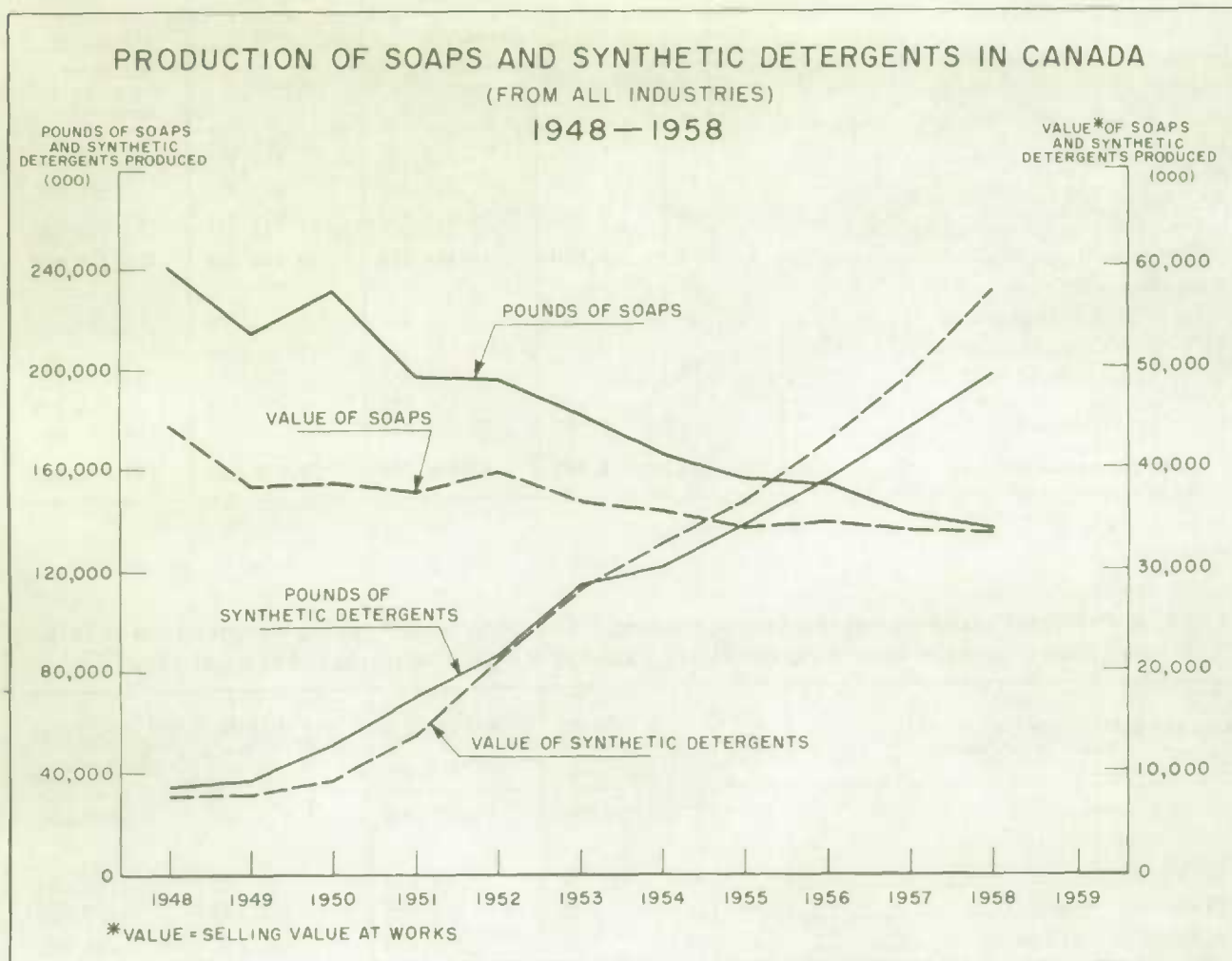


TABLE 7. Factory Shipments of Soaps and Synthetic Detergents, from All Industries, 1954-58

Year	Soaps		Synthetic detergents		Total soaps and synthetic detergents	
	Pounds	Selling value at works	Pounds	Selling value at works	Pounds	Selling value at works
		\$		\$		\$
1954.....	165,094,000	35,932,000	121,936,000	32,380,000	287,030,000	68,312,000
1955.....	156,632,000	34,034,000	138,264,000	36,599,000	294,896,000	70,633,000
1956.....	154,152,000	34,707,000	155,579,000	42,391,000	309,731,000	77,098,000
1957.....	141,666,000	33,607,000	176,992,000	49,340,000	318,658,000	82,947,000
1958.....	136,676,000	33,588,000	198,324,000	57,474,000	335,000,000	91,062,000

Note: Figures in Table 7 represent the total Canadian production of soaps and synthetic detergents regardless of the industries in which produced.

TABLE 8. Principal Statistics, classified according to Type of Ownership, 1957 and 1958

Type	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Individual ownership	48	124	324,852	481,799	1,084,930
Partnerships	12	123	411,200	499,919	1,586,161
Incorporated companies	79	3,433	14,675,102	48,548,648	116,201,765
Totals	139	3,680	15,411,154	49,530,366	118,872,856
1958					
Individual ownership	43	109	303,077	404,464	854,472
Partnerships	12	70	189,151	267,954	571,558
Incorporated companies	82	3,703	16,528,667	54,858,366	130,596,801
Totals	137	3,882	17,020,895	55,530,784	132,022,831

TABLE 9. Principal Statistics of the Soaps, Washing Compounds and Cleaning Preparations Industry in Canada, grouped according to Selling Value of Factory Shipments, 1957 and 1958

Establishments reporting value of shipments	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Under \$10,000	26	34	69,392	25,270	115,422
\$10,000 to \$24,999	20	52	134,053	121,605	332,640
\$25,000 " \$49,999	22	94	257,483	337,636	723,579
\$50,000 " \$99,999	22	169	466,586	663,058	1,615,466
\$100,000 " \$199,999	16	171	515,034	1,243,783	2,469,113
\$200,000 " \$499,999	15	322	1,015,254	2,132,293	4,822,484
\$500,000 " \$999,999	5	136	500,510	1,304,223	3,388,574
\$1,000,000 " \$4,999,999	10	757	2,789,740	9,395,188	20,739,464
\$5,000,000 and over	3	1,945	9,663,102	34,307,310	84,666,114
Totals	139	3,680	15,411,154	49,530,366	118,872,856
1958					
Under \$10,000	26	35	74,104	47,170	135,770
\$10,000 to \$24,999	17	43	110,540	110,923	289,356
\$25,000 " \$49,999	22	83	256,425	391,590	764,722
\$50,000 " \$99,999	21	152	472,240	859,669	1,568,910
\$100,000 " \$199,999	18	182	574,764	1,331,025	2,774,709
\$200,000 " \$499,999	11	237	884,302	1,309,069	3,236,150
\$500,000 " \$999,999	9	270	869,581	2,937,094	5,886,564
\$1,000,000 " \$4,999,999	10	738	2,716,886	10,150,709	21,902,971
\$5,000,000 and over	3	2,142	11,062,053	38,393,535	95,463,679
Totals	137	3,882	17,020,895	55,530,784	132,022,831

TABLE 10. Capital and Repair Expenditures in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1954-58

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
thousands of dollars							
1954	739	983	1,722	284	1,356	1,640	3,362
1955	302	1,444	1,746	332	1,401	1,733	3,479
1956	854	1,979	2,833	393	1,451	1,844	4,677
1957	1,804	2,148	3,952	468	1,575	2,043	5,995
1958 ^P	1,591	2,827	4,418	401	1,694	2,095	6,513

TABLE 11. Employees, Salaries and Wages in the Soaps, Washing Compounds and Cleaning Preparations Industry, by Provinces, 1957 and 1958

Province	Employees					Earnings		
	On salaries		On wages		Total	Salaries	Wages	Total salaries and wages
	Male	Female	Male	Female				
number					dollars			
1957								
Quebec	129	71	342	50	592	855,740	1,000,877	1,856,617
Ontario	810	435	1,388	309	2,942	6,236,653	6,937,466	13,174,119
Manitoba	10	3	26	5	44	40,713	67,334	108,047
Alberta	8	1	10	6	25	23,815	36,236	60,051
British Columbia	27	9	30	11	77	112,551	99,769	212,320
Canada	984	519	1,796	381	3,680	7,269,472	8,141,682	15,411,154
1958								
Quebec	129	69	347	40	585	871,092	1,036,805	1,907,897
Ontario	860	470	1,476	349	3,155	6,838,407	7,846,419	14,684,826
Manitoba	9	4	22	3	38	52,045	63,534	115,579
Alberta	6	2	14	7	29	23,148	48,532	71,680
British Columbia	24	9	31	11	75	123,478	117,435	240,913
Canada	1,028	554	1,890	410	3,882	7,908,170	9,112,725	17,020,895

TABLE 12. Production Workers, by Months, 1958

Month	Establishments reporting monthly detail ¹			Establishments not reporting monthly detail ¹			All establishments		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
number									
January	1,649	342	1,991						
February	1,625	362	1,987						
March	1,624	378	2,002						
April	1,675	377	2,052						
May	1,708	361	2,069	167	22	189	1,875	383	2,258
June	1,738	386	2,124						
July	1,798	412	2,210						
August	1,833	424	2,257						
September	1,823	442	2,265						
October	1,782	410	2,192						
November	1,741	380	2,121						
December	1,707	379	2,086						
Average ²							1,890	410	2,300

¹ The number of production workers by months was generally collected only for establishments reporting value of shipments of \$100,000 and over. For smaller establishments, only the number employed during the last pay period of May, 1958, was collected.

² The average for establishments generally reporting shipments of less than \$100,000 was estimated by using average annual earnings data from the large establishments in conjunction with reporting payrolls for the small establishments.

TABLE 13. Imports and Exports of Soaps, 1957 and 1958

	1957		1958	
	Pounds	Value \$	Pounds	Value \$
(a) Imports:				
Castile soap	23,515	6,269	34,986	12,725
Common or laundry soap	1,026,966	144,669	840,554	122,811
Liquid soap	2,031,362	426,709	3,932,226	902,127
Soap powders and powdered soap	5,646,542	861,356	3,602,651	562,048
Toilet soap	—	668,826	..	871,481
Whale oil soap	62,757	5,314	—	—
Soap, other, including pumice, silver and mineral soaps, sapollo, etc.	—	165,475	..	198,995
Total imports	—	2,278,618	...	2,670,187
(b) Exports:				
Toilet soap	252,518	49,675	365,754	66,204
Soap flakes and powders	59,425	5,453	94,225	10,438
Soap, other	20,869	5,620	46,086	10,582
Total exports	332,812	60,748	506,065	87,224

TABLE 14. Fuel and Electricity Used in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1958

Kind	Quantity	Cost at works \$	
1. Establishment reporting commodity detail:¹			
Bituminous coal (a) From Canadian mines	ton	195	2,900
(b) Imported	"	61,935	618,085
Anthracite coal	"	1,847	25,072
Lignite coal	"	267	1,888
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	203,327	87,559
Fuel oil	"	1,505,498	190,436
Wood	cord	17	261
Gas — Liquefied petroleum gases	Imp. gal.	32,661	8,507
Natural gas	M cu. ft.	100,669	75,706
Other fuel .....	..	..	8,322
Electricity purchased	kwh.	39,287,660	363,424
Steam purchased .....	..	..	83,968
Electricity generated for own use	kwh.	42,852	..
2. Establishments not reporting commodity detail:¹			
Cost of fuel .....	..	..	35,587
Cost of electricity purchased .....	..	..	13,881
3. All establishments:			
Total cost of fuel .....	..	..	1,138,297
Total cost of electricity purchased .....	..	..	377,305
Total cost of fuel and electricity purchased .....	..	..	1,515,602

¹ Data on the quantity and value of the different kinds of fuel and on the quantity of electricity purchased were generally not collected for establishments reporting value of shipments of less than \$100,000. Only the total cost of fuel and the total cost of electricity were collected for these establishments.

TABLE 15. Total Horsepower Rating of Power Equipment in Use or Available for Use Reported in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
A. Prime movers:		
Steam engines	—	215
Steam turbines	—	489
Diesel engines	—	1
Total	—	705
B. Electric motors (one-quarter horsepower and over)	—	18,994

Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1958

Name of firm	Location of plant
(a) Soaps	
Quebec:	
Best Kosher Products	273 Laurier Ave., W., Montreal
Canadian Industrial Sanitation Ltd.	4020 Richelieu, Montreal
Canadian Soap & Chemical Co. Ltd.	1361 Notre Dame E., Montreal
Darling and Brady, Limited	1971 Richardson St., Montreal
Economic Products Ltd.	281 St. Zotique W., Montreal
Household Sundry Specialties Co. Inc.	2655 Albert, Montreal
Laboratoire Rubigo, Ltée	Three Rivers
Major's Cleaning Products	1283 Moffat, Verdun
Maheux, Alphonse, Enrg.	282 St. Valier St. E., Quebec
Rowe, Robert, Company Inc.	1977 Grand Trunk St., Montreal
Savon Majestic Ltée	1853 Moreau St., Montreal
Savonnerie Bourdeau, Inc., La	44, rue Dorchester, Québec
Seward Soap Company Ltd., The	No. 1 Maple Ave., Lachine
Williams, J.B., Co. (Canada) Limited, The	9471 La Salle Blvd., Ville La Salle
Wood, G.H., & Company Limited	4000 Namur St., Montreal
Ontario:	
Acme Chemical Products	229 Niagara St., Toronto
Atlantic Manford Chemical Co.	2092 Dundas W., Toronto
Bernie's Agencies	982 Page, Toronto
Canada Packers Limited	521 Front St. E., Toronto
Chemical Developments of Canada Ltd.	Langford Mills
Colgate-Palmolive Limited	64 Colgate Ave., Toronto
Copeland Laboratories Ltd.	46 Brydon, Rexdale
Crystal Chemicals Ltd.	124 Manvilles Rd., Toronto
Fairbanks Soap Co. Limited	353 Eastern Ave., Toronto
Huntington Laboratories, Ltd.	86 Parliament, Toronto
Kemso Chemical Co.	618 Brock, Toronto
Lever Brothers Limited	299 Eastern Ave., Toronto

Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry,
1958 - Continued

Name of firm	Location of plant
(a) Soaps - Concluded	
Ontario - Concluded:	
London Soap Co. Ltd., The	197-205 South St., London
McKague Chemical Company Ltd.	1119A Yonge St., Toronto
Malone Oil Company Ltd.	95 E. Don Roadway, Toronto
McGillivray, A., Chemicals Ltd.	Paris
Page Brothers Products Limited	462 Sherbourne, Toronto
Palm Oil Recovery Inc.	27 Newcastle, Mimico
Procter H Gamble Co. of Canada Ltd., The	Burlington St. E., Hamilton
Taylor Soaps-Perfumes Ltd.	30 Kern Rd., Don Mills
Wonderful Soap Company, Limited	16 Fountain St., W., Guelph
Wood, G.H., & Company, Limited	Queensway, Toronto 18
Manitoba:	
Beaver Soaps Ltd.	1377 Winnipeg Ave., Winnipeg
Empire Soaps Co. Ltd.	594 Des Meurons Ave., St. Boniface
Swano Soap Company	598 Washington Ave., East Kildonan
Alberta:	
Berry Soap Company	11520 - 158 St., Jasper Place
Soapone Product Limited	12734 - 63rd St., Edmonton
British Columbia:	
Amberine Products Ltd.	717 Aldebury St., Victoria
Canada Grease Works Limited	1106 Boundry Rd., Vancouver
Renton Distributors Limited	1815 Franklin St., Vancouver
Sanitary Specialties Mfg. Co.	821 East Hastings, Vancouver
Savo-Lite Soap Co.	1530 Hastings St. E., Vancouver
Western Soap Company Ltd.	1814 Pandora St., Vancouver
Wood, G.H. & Co. Ltd.	1835 Hastings St. E., Vancouver
Zero Manufacturing Co. Ltd.	533 Johnston St., Victoria
(b) Washing compounds	
Quebec:	
American Javel Water Co.	1877 Favard, Montreal
Chanteclerc Ltée	85 ave des Epinettes, Québec
Cowan, John, Chemical Co. Ltd.	9 Dalhousie St., Montreal
Eau de Javelle Drummond	St. Jean Baptiste
Eau de Javelle Marquise Enrg.	Beaufort Ouest
Eau de Javelle Supreme	4039, rue Newmarch, Verdun
Fleur de Lys et Internationale	229, rue Batot, Québec
Fyon & Fyon Ltd.	5357 Papineau Ave., Montreal
Groulx & Robertson Inc.	6508 Durocher, Montreal
Javellex Co.	374 Larivière, Rouyn
Javex Company Limited	960 Outremont, Montreal
Lavo Javel Water Company Limited	1880 Chambly, Montreal
L'Eau de Javel Canadienne Nationale	21, rue Troy, Verdun
Produits Shin-Ex Enrg.	5045 Turcot, Montreal

Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry,
1958 - Continued

Name of firm	Location of plant
(b) Washing compounds - Concluded	
Ontario:	
Atlas Chemical Co. Ltd.	38 McGee St., Toronto
Dick, A.	First Ave. N., Welland
Javex Company Limited	99 Vanderhoof, Leaside
Klean-ez Co.	2176 McDougall, Windsor
McCarney Products	962 Bathurst Rear, Toronto
Mack's Laundry Specialty Co.	Almonte
Magic White Limited	187 Parliament St., Toronto
Marvelo Chemicals Ltd.	481 Sammon, Toronto
Marvelene Co.	10 East Ave., N., Hamilton
Numite Products Ltd.	Cotton
Premier Products Javel Water	827 St. Clarens Ave., Toronto
Sani Bleach Co.	130 Gibson Ave., Hamilton
Snow White Sales	8 Market Lane, Welland
Steril Products	2353 Moy, Windsor
Sunshine Bleach	276 Main St. W., Hamilton
X-L Chemical Company	Rear 101 Christie St., Toronto
Manitoba:	
Javex Company Limited	835 Marion, St. Boniface
Alberta:	
Dominion Brokerage Ltd.	9539-106 Ave., Edmonton
Javex Company Limited	Medicine Hat
Savage's Products	1504-38 Ave., S.E., Calgary
British Columbia:	
Canadian Miraclean Products Ltd.	253 #5 Rd., Richmond
Drel Products	1311 West 22nd Ave., North Vancouver
Javex Company Limited	Stewart St., Vancouver
(c) Cleaning preparations	
Quebec:	
Bon Ami, Limited	13719 Notre Dame St. E., Montreal
Boyle-Midway (Canada) Ltd.	Iberville
Canadian Permag Products Limited	300 Arran Ave., St. Lambert
Chemotic Limited	1158 St. Urban, Montreal
Deane, B.W. & Co.	234 St. Augustin, Montreal
Dionne, O.	164 Gauthier, Three Rivers
Douglas Chemical Company Limited	5425 St. Andre St., Montreal
Hart Products Reg'd.	429 St. James St. W., Montreal
La Cie des Produits Vitex	6918 Querbes, Montreal
Les Produits Nor-Do	5210 Resther, Montreal
Magnus Chemicals Ltd.	4040 Masson St., Montreal

**Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry,
1958 - Concluded**

Name of firm	Location of plant
(c) Cleaning preparations - Concluded	
Quebec - Concluded:	
Mus-Hav-Cleanser Co.	11390 Racette, Montreal
Pursell, Chas., Reg'd.	165 Mt. Vernon Ave. S., Ville St. Pierre
Rolex Cleaner Co.	5140 - 8th Ave., Montreal
Snap Manufacturing Ltd.	9680 St. Lawrence Blvd., Montreal
United Chemical Company Limited	3830 St. Ambroise St., Montreal
Ontario:	
Admiral Sanitation Ltd.	115 Crockford Blvd., Toronto
Alpha Chemical Company, The	135 Breithaupt St., Kitchener
Canadian Sanitary Supplies Ltd.	107 Victoria Ave., N., Hamilton
Chamberlain Desolvo Company	522 Hamilton Road, London
Chemical By-Products Ltd.	25 Racine Rd., Rexdale
Crystalline Chemical Company	Myrtle Ave., Aylmer
Delta Chemicals Ltd.	5 Edward, Brantford
Diamond Cleanser & Soaps	120 - 26th St., Long Branch
Diversey Corporation (Canada) Ltd.	Port Credit
Douglas-Hogarth Co.	R.R. No. 5, Brantford
Duncan Products	367 Sorauren Ave., Toronto
Easy Way Products	32 Winnett St., Woodstock
Empire Chemical Co.	113 Judge Rd., Etobicoke
Fibre Soap Company	Bolton
Judson-Dunway (Canada) Ltd.	50 Peter St., Toronto
Knox-All Specialties	Norham
Lavoline Cleanser Limited	505 Eastern Ave., Toronto
Lawrason, S.F., & Company Ltd.	180 Adelaide St. S., London
Leaist, F.C., Products	20 Duncan St. S., Hamilton
Luster-Sheen Laboratories	Wentworth St. N., Hamilton
Nelson, H.C., Chemicals Limited	1555 Kildare Rd., Windsor
Nymoc Products Company	68 Lombard St., Toronto
Ontario Chemicals Limited	51 Clarkson Ave., Toronto
Purex Corporation Ltd.	44 Clayson Rd., Weston
Russell Chemical Co. Ltd., The	361 Sorauren, Toronto
S.O.S. Mfg. Co. of Canada Ltd.	78 Titan Rd., Toronto
Swift Canadian Co. Limited	1960 St. Clair Ave. W., Toronto
Vix Products Company	1057 Felix Ave., Windsor
Whitehouse Soaps & Chemicals	Malley Rd., Toronto
Manitoba:	
McKellar, E., Supply Co.	876 Banning St., Winnipeg
Ross Sales Ltd.	1098 Selkirk Ave., Winnipeg
British Columbia:	
British India Rug Oil Ltd.	2207 Granville, Vancouver
Carpenter & Harrison Ltd.	1210 Wharf, Victoria
Kleen Craft Manufacturing Ltd.	1010 Clark Drive, Vancouver



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