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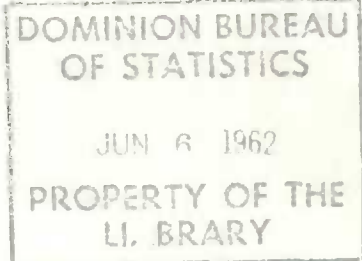
ANNUAL



MANUFACTURERS OF  
SOAP AND CLEANING COMPOUNDS  
1960

Formerly The Soaps, Washing Compounds and Cleaning Preparations Industry

ANNUAL CENSUS  
OF MANUFACTURES



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### 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.
- \* revised figures.

## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 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. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

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 1960 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, ware-

housing 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 or 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.<sup>1</sup>

### **Standard Industrial Classification**

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

<sup>1</sup> 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*.

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

### **Short Forms**

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

# MANUFACTURERS OF SOAP AND CLEANING COMPOUNDS

1960

Data presented in this report under the heading of Manufacturers of Soap and Cleaning Compounds reflect implementation of the revised Standard Industrial Classification (SIC) which is being used by the Dominion Bureau of Statistics in its compilation of 1960 industry statistics — see item "Standard Industrial Classification" in the Explanatory Notes section of this report. For statistical purposes the industry titled Manufacturers of Soap and Cleaning Compounds in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing soap in any form, synthetic detergents, cleansers, washing powders and cleaning preparations including scouring powders and hand cleansers. This industry includes establishments primarily engaged in manufacturing household laundry bleaches and bluing.

In many instances, adoption of the revised Standard Industrial Classification effected a radical shifting of manufacturing establishments as between industry groupings. However, in the case of establishments engaged in manufacturing soap and cleaning compounds, changes brought about by the implementation of the revised Standard Industrial Classification were minimal as evidenced in the comparative series of statistics presented in Tables 1A and 1B. Table 1A shows data for these establishments according to the "old" concept while Table 1B carries figures re-compiled on the "new" or revised Standard Industrial Classification basis.

In 1960 there were 134 establishments classified as Manufacturers of Soap and Cleaning Compounds. There was 1 establishment in Nova Scotia, 44 in Quebec, 67 in Ontario, 6 in Manitoba, 5 in Alberta and 11 in British Columbia. Employees in the industry numbered 3,983; salaries and wages totalled \$19,025,404; fuel and electricity cost \$1,436,951; materials used in manufacturing processes cost \$56,410,029; and factory shipments were valued at \$139,278,813.

The establishments in this industry make soaps and cleaning compounds as their main products, but some also manufacture other lines such as paint

remover, medicinals and toilet preparations as a secondary part of their business. On the other hand, some companies which have been classified to other industrial classes make some soaps and cleaning compounds as minor products. Tables 1 to 4 and 7 to 13 of this report refer only to Manufacturers of Soap and Cleaning Compounds which includes the firms reporting these lines as their main products. Small quantities of these commodities were also made by companies which have been classified to other industrial groups. Table 5 represents total factory shipments of soaps and cleaning compounds from all industries.

The total Canadian output in 1960 of some of the leading soaps and cleaning compounds (including amounts from other industries) was as follows: 20,583 tons of toilet soaps valued at \$15,597,000; 6,949 tons of bar and laundry soaps at \$2,662,000; 6,772 tons of soap chips and flakes (including textile and mill soaps) at \$2,312,000; 15,610 tons of soap powders at \$6,657,000; 196 tons of castile soaps at \$61,000; 904 tons of shaving soaps and creams at \$2,315,000; 6,738 tons of liquid soaps at \$2,236,000; 2,216 tons of soft soaps at \$472,000; cleaning and scouring powders, etc. at \$8,855,000; and javelle water valued at \$9,453,000. Factory shipments of synthetic detergents amounted to 115,227 tons having a value of \$64,916,000.

**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 1A. Principal Statistics of the Soaps, Washing Compounds and Cleaning Preparations Industry, Significant Years 1929 - 59**

Basis: Standard Industrial Classification in use prior to 1960

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 <sup>1</sup>	Selling value of factory shipments
	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
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 .....	139	3,680	15,411,154	1,372,986	49,530,366	69,747,619	118,872,856
1958 .....	137	3,882	17,020,895	1,515,602	55,530,784	76,077,926	132,022,831
1959 .....	134	4,029	18,371,984	1,481,707	57,140,830	76,921,806	137,077,986

<sup>1</sup> See note to text.



**TABLE 1B. Principal Statistics: Manufacturers of Soap and Cleaning Compounds,  
by Provinces, 1957-60**

Basis: Standard Industrial Classification revised 1960

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 <sup>1</sup>	Selling value of factory shipments
	number		dollars				
<b>1957</b>							
Nova Scotia .....	1	543	1,711,150	134,032	3,968,710		9,666,306
Quebec .....	49						
Ontario .....	69	2,811	12,766,674	1,215,173	44,293,191	2	104,721,458
Manitoba .....	6	44	108,047	10,731	620,372		1,384,390
Alberta .....	5	25	60,051	4,442	342,340		863,216
British Columbia .....	12	58	158,960	11,911	508,747		1,399,630
<b>Canada .....</b>	<b>142</b>	<b>3,481</b>	<b>14,804,882</b>	<b>1,376,289</b>	<b>49,733,360</b>		<b>118,035,000</b>
<b>1958</b>							
Nova Scotia .....	1	546	1,782,052	153,522	4,698,276		10,385,507
Quebec .....	46						
Ontario .....	69	2,984	14,145,301	1,325,056	48,592,235	2	116,121,917
Manitoba .....	6	38	115,579	12,006	563,743		1,386,982
Alberta .....	5	29	71,680	6,798	503,789		966,855
British Columbia .....	13	59	193,149	13,735	643,427		1,422,806
<b>Canada .....</b>	<b>140</b>	<b>3,656</b>	<b>16,307,761</b>	<b>1,511,117</b>	<b>55,001,470</b>		<b>130,284,067</b>
<b>1959</b>							
Nova Scotia .....	1	557	1,923,637	154,619	4,792,693		10,768,392
Quebec .....	45						
Ontario .....	65	3,139	15,294,477	1,307,719	50,319,565	2	121,188,186
Manitoba .....	6	36	115,360	10,135	577,245		1,314,221
Alberta .....	6	32	81,986	7,674	563,336		940,129
British Columbia .....	14	56	182,181	11,822	572,762		1,195,014
<b>Canada .....</b>	<b>137</b>	<b>3,820</b>	<b>17,597,641</b>	<b>1,491,969</b>	<b>56,825,601</b>		<b>135,406,942</b>
<b>1960</b>							
Nova Scotia .....	1	526	1,897,991	159,639	5,139,957	6,162,159	11,448,706
Quebec .....	44						
Ontario .....	67	3,336	16,782,755	1,247,800	49,621,041	72,650,135	124,388,734
Manitoba .....	6	45	127,921	11,583	664,977	767,450	1,443,668
Alberta .....	5	28	70,981	7,659	473,977	390,959	917,731
British Columbia .....	11	48	145,756	10,270	510,077	547,870	1,079,974
<b>Canada .....</b>	<b>134</b>	<b>3,983</b>	<b>19,025,404</b>	<b>1,436,951</b>	<b>56,410,029</b>	<b>80,518,573</b>	<b>139,278,813</b>

<sup>1</sup> See note to text.

<sup>2</sup> The changeover to the new classification has delayed the recompilation of "value added" figures for these years and same will not be available until the next issue of this report.

**TABLE 2. Inventories:<sup>1</sup> Manufacturers of Soap and Cleaning Compounds, 1960**

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
<b>Opening:</b>				
Quebec and Nova Scotia .....	567,236	69,578	404,298	1,041,112
Ontario .....	6,058,792	1,322,503	8,641,766	16,023,061
Manitoba .....	49,287	5,666	57,568	112,521
Alberta .....	55,115	683	71,380	127,178
British Columbia .....	50,971	802	41,594	93,367
<b>Canada .....</b>	<b>6,781,401</b>	<b>1,399,232</b>	<b>9,216,606</b>	<b>17,397,239</b>
<b>Closing:</b>				
Quebec and Nova Scotia .....	583,560	41,546	445,379	1,070,485
Ontario .....	6,868,979	1,223,971	7,870,540	15,963,490
Manitoba .....	54,474	6,530	57,046	118,050
Alberta .....	54,489	620	26,307	81,416
British Columbia .....	36,815	805	29,834	67,454
<b>Canada .....</b>	<b>7,598,317</b>	<b>1,273,472</b>	<b>8,429,106</b>	<b>17,300,895</b>

<sup>1</sup> Book value of all manufacturing inventories owned and held at plant and plant warehouses.

TABLE 3. Factory Shipments: Manufacturers of Soap and Cleaning Compounds, 1960

Product	Quantity pounds	Value of factory shipments \$
<b>Hard soaps:</b>		
Bar laundry and household soaps (except sold to textile mills):		
Built .....	1,426,886	208,298
Not built .....	12,471,020	2,453,822
Soap chips and flakes:		
In household packages .....	3,540,086	972,330
In bulk (except textile and mill) .....	10,003,177	1,341,590
Toilet soaps (except liquid) .....	38,460,057	14,260,029
Castile soaps .....	390,715	61,213
Soap powders:		
In household packages .....	15,679,996	4,456,815
In bulk .....	15,540,367	2,199,870
Shaving soaps:		
Creams (including brushless) .....	499,304	732,256
All others .....	409,885	447,054
Liquid soaps .....	6,097,412	640,174
Paste and jelly:		
Packaged in containers under 25 pounds .....	723,769	79,971
Bulk-containers over 25 pounds .....	3,158,511	335,970
All other soaps .....	1,206,873	128,276
<b>Totals, soap .....</b>	<b>109,608,058</b>	<b>28,315,668</b>
<b>Synthetic detergents:</b>		
Liquid (and pastes):		
Packaged (when in individual containers of less than 1 gallon) .....	41,377,190	14,675,143
Bulk (when in individual containers of 1 gallon or more) <sup>1</sup> .....	15,031,294	2,527,184
Solid (including bars, flake or powder):		
Packaged (bar or carton of 25 pounds or less) .....	150,426,564	42,828,901
Bulk (individual bars or cartons of more than 25 pounds) .....	18,258,028	3,393,710
<b>Totals, detergents .....</b>	<b>225,093,076</b>	<b>63,424,938</b>
<b>Cleaning preparations:</b>		
Ammonia powder .....	416,576	50,638
Mechanics' hand soaps and paste .....	2,034,044	366,574
Javelle water or sodium hypochlorite .....	..	9,451,175
Other washing compounds <sup>2</sup> .....	..	3,310,350
Scouring powders, pastes and cakes .....	50,800,029	8,811,441
Drain pipe cleaner .....	2,197,102	673,362
Other cleaning preparations:		
Household and laundry, including lye .....	..	1,058,093
Industrial and other .....	..	1,785,590
Glycerine, crude, sold as such <sup>3</sup> .....	147,331	32,368
Glycerine, refined:		
B.P. and U.S.P. grades .....	5,951,484	1,859,997
Dynamite grade .....	2,916,223	858,539
Other grades .....	2,603,508	862,882
Toilet preparations .....	..	13,786,539
All other products <sup>4</sup> .....	...	4,295,032
Amount received for work done on other than owned materials (repairs, contract work, etc.) .....	...	335,627
<b>Total, all products .....</b>	<b>...</b>	<b>139,278,813</b>

<sup>1</sup> Some of the bulk detergent was sold to other firms in this industry to be processed into the "packaged" size and therefore appears again in the figures for "packaged".

<sup>2</sup> Includes sal soda, washing blue, liquid starch, fabric softener, etc.

<sup>3</sup> Some of the crude glycerine was sold to refiners in this industry and therefore appears again in the figures for refined glycerine.

<sup>4</sup> Includes data for textile softeners, floorwax, insecticides and other such miscellaneous items.

Note: Data given in this table are for the manufacturers of soap and cleaning compounds 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 5).



TABLE 4. Materials Used: Manufacturers of Soap and Cleaning Compounds, 1960

Material	Quantity	Cost at plant
		\$
Acid, cresylic.....	lb. 55,032	7,493
Acid, oleic.....	" 113,248	16,011
Acid, stearic.....	" 783,934	115,526
Acids, fatty, other.....	" 1,456,456	159,015
Acid, hydrochloric (muriatic).....	" 330,255	9,695
Acid, sulphuric, including oleum (as 100% acid).....	" 29,466,537	438,542
Aluminum sulphate (alum).....	" 83,190	3,097
Ammonium sulphate.....	" 160,620	5,329
Bentonite (filtrol, Pembina, etc.).....	ton 1,184	27,097
Borax.....	lb. 2,267,823	98,921
Chalk, ground.....	" 63,040	454
Chalk, precipitated.....	" 124,630	2,233
Chloride of lime.....	" 1,406,520	67,326
Ethyl alcohol.....	gal. 387,408	403,698
Feldspar, crude.....	ton 564	10,516
Ferric chloride.....	lb. 58,018	4,104
Foots (cottonseed, olive, etc.).....	" 4,267,143	136,182
Fuller's earth.....	ton 94	6,229
Glycerine, crude.....	lb. 7,244,762	1,395,891
Glycerine, refined.....	" 6,128	1,962
Isopropyl alcohol.....	" 88,973	8,373
Javelle concentrate or sodium hypochlorite, for dilution.....	" ..	116,714
Lanolin.....	lb. 24,929	11,393
Liquid chlorine (99% pure).....	" 8,213,187	337,956
Oils:		
Cocoanut.....	" 11,584,976	1,780,168
Essential.....	" ..	1,415,320
Fish.....	lb. -	-
Linseed.....	gal. 6,500	13,720
Olive.....	lb. 14,314	4,269
Palm kernel.....	" 368,897	55,388
Tall.....	" 360,628	32,000
Other oils.....	" 408,169	30,895
Perfumes.....	" ..	390,343
Potassium hydroxide (caustic potash).....	lb. 2,834,596	188,272
Resin.....	" 180,230	20,057
Silica sand.....	ton 13,316	220,854
Sodium carbonate (soda ash).....	lb. 10,451,645	261,734
Sodium carboxymethylcellulose.....	" 1,067,923	250,822
Sodium hydroxide (caustic soda).....	" 42,020,500	1,572,024
Sodium chloride (common salt).....	" 3,768,460	36,029
Sodium silicate (including metasilicate).....	" 22,173,441	468,520
Sodium tripolyphosphate.....	" 76,532,249	6,814,201
Talc.....	ton 90	6,621
Tallow, grease and other soap stocks.....	lb. 62,122,131	3,623,898
Tetrasodium pyrophosphate.....	" 893,269	84,920
Trichlorethylene.....	" 3,498	542
Triethanolamine.....	" 228,779	62,490
Trisodium phosphate.....	" 7,075,706	471,515
Wax:		
Beeswax.....	" 1,954	1,888
Carnauba.....	" 42,400	41,224
Paraffin.....	" 10,933	1,161
Other waxes.....	" 16,080	9,554
All other materials <sup>1</sup> .....	..	15,811,451
Containers, etc.....	..	18,140,422
Amount paid out for work done on materials owned by the plants reporting in this industry.....	..	1,215,970
<b>Total</b> .....	...	<b>56,410,029</b>

<sup>1</sup> No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$200,000. The total estimated value of materials used by these firms was \$2,214,600 and this amount is included in "All other materials".



TABLE 5. Factory Shipments of Soaps and Cleaning Compounds 1959 and 1960 (from All Industries)

Item	1959		1960	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	pounds	\$	pounds	\$
Hard soaps:				
Bar laundry and household soaps:				
Built .....	1,160,000	135,000	1,427,000	208,000
Not built .....	13,033,000	2,538,000	12,471,000	2,454,000
Soap chips and flakes:				
In household packages .....	3,932,000	1,198,000	3,540,000	972,000
In bulk (except textile and mill) <sup>1</sup> .....	10,755,000	1,419,000	10,003,000	1,342,000
→ Toilet soaps (except liquid) .....	41,664,000	15,918,000	41,165,000	15,597,000
→ Castile soaps .....	379,000	56,000	391,000	61,000
Soap powders:				
In household packages .....	22,708,000	6,063,000	15,680,000	4,457,000
In bulk .....	15,360,000	2,162,000	15,540,000	2,200,000
→ Shaving soaps:				
Creams:				
Lather type .....	896,000	1,322,000	934,000	1,333,000
Brushless type .....	432,000	532,000	466,000	532,000
All other .....	322,000	358,000	408,000	450,000
Liquid soaps .....	12,031,000	1,769,000	13,475,000	2,236,000
Paste and jelly .....	3,681,000	350,000	4,431,000	472,000
All other soaps .....	4,133,000	655,000	4,000,000	680,000
<b>Totals, soaps</b> .....	<b>130,486,000</b>	<b>34,475,000</b>	<b>109,931,000</b>	<b>32,994,000</b>
Ammonia powder .....	1,016,000	113,000	464,000	55,000
Javelle water .....	...	9,277,000	...	9,453,000
Mechanics' hand soaps and pastes .....	2,848,000	550,000	2,706,000	501,000
Cleaning or scouring powders, pastes and cakes .....	51,410,000	8,232,000	51,027,000	8,855,000
Toilet bowl cleaner, including toilet flush .....	..	584,000	3,893,000	669,000
Drain pipe cleaner .....	1,412,000 <sup>f</sup>	386,000	2,468,000	758,000
Other washing compounds and cleaning preparations .....	-	8,502,000 <sup>f</sup>	..	10,331,000
Glycerine, crude <sup>2</sup> .....	1,572,000	379,000	2,017,000	525,000
Glycerine, refined:				
B.P. and U.S.P. grades .....	6,258,000	1,943,000	5,951,000	1,860,000
Dynamite grade .....	3,470,000	923,000	2,916,000	859,000
Other grades .....	3,265,000	1,001,000	2,604,000	863,000
Synthetic dteregents .....	209,590,000	60,875,000	230,453,000	64,916,000

<sup>1</sup> Includes some liquid and soft soaps.<sup>2</sup> 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 6. Factory Shipments of Soaps and Synthetic Detergents, from All Industries, 1955 - 60

Year	Soaps		Synthetic detergents		Total soaps and synthetic detergents	
	Pounds	Selling value at plant	Pounds	Selling value at plant	Pounds	Selling value at plant
		\$		\$		\$
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
1959 .....	130,486,000	34,475,000	209,590,000	60,875,000	340,076,000	95,350,000
1960 .....	109,931,000	32,994,000	230,453,000	64,916,000	340,384,000	97,910,000

Note: Figures in Table 6 represent the total Canadian production of soaps and synthetic detergents regardless of the industries in which produced.

TABLE 7. Principal Statistics, classified according to Type of Ownership:  
Manufacturers of Soap and Cleaning Compounds, 1957 and 1960

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Individual ownership .....	47	118	306,705	451,970	1,024,462
Partnerships .....	13	125	412,700	502,015	1,591,060
Incorporated companies .....	82	3,238	14,085,477	48,779,375	115,419,478
<b>Totals .....</b>	<b>142</b>	<b>3,481</b>	<b>14,804,882</b>	<b>49,733,360</b>	<b>118,035,000</b>
1960					
Individual ownership .....	41	115	348,463	441,948	1,010,209
Partnerships .....	8	27	69,212	85,944	209,640
Incorporated companies .....	85	3,841	18,607,729	55,882,137	138,058,964
<b>Totals .....</b>	<b>134</b>	<b>3,983</b>	<b>19,025,404</b>	<b>56,410,029</b>	<b>139,278,813</b>

TABLE 8. Principal Statistics grouped according to Selling Value of Factory Shipments:  
Manufacturers of Soap and Cleaning Compounds, 1957 and 1960

Establishments reporting value of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Under \$10,000 .....	28	38	72,745	32,537	128,853
\$ 10,000 to \$ 24,999 .....	21	55	145,753	133,605	353,640
25,000 " 49,999 .....	22	95	266,856	336,295	730,882
50,000 " 99,999 .....	21	162	455,736	660,675	1,574,966
100,000 " 199,999 .....	18	179	587,033	1,331,832	2,723,139
200,000 " 499,999 .....	14	269	833,896	2,085,581	4,532,426
500,000 " 999,999 .....	6	181	647,185	1,760,496	4,219,236
1,000,000 " 4,999,999 .....	9	557	2,132,576	9,085,029	19,105,744
5,000,000 and over .....	3	1,945	9,663,102	34,307,310	84,666,114
<b>Totals .....</b>	<b>142</b>	<b>3,481</b>	<b>14,804,882</b>	<b>49,733,360</b>	<b>118,035,000</b>
1960					
Under \$10,000 .....	25	31	74,500	41,754	136,922
\$ 10,000 to \$ 24,999 .....	18	47	120,283	85,307	263,657
25,000 " 49,999 .....	24	96	311,564	394,006	871,816
50,000 " 99,999 .....	13	82	258,400	445,000	896,287
100,000 " 199,999 .....	20	222	791,022	1,371,520	2,880,391
200,000 " 499,999 .....	13	245	897,014	1,812,789	4,305,158
500,000 " 999,999 .....	8	206	889,271	2,648,496	5,724,463
1,000,000 " 4,999,999 .....	10	571	2,282,674	10,575,966	22,495,186
5,000,000 and over .....	3	2,483	13,400,676	39,035,191	101,704,933
<b>Totals .....</b>	<b>134</b>	<b>3,983</b>	<b>19,025,404</b>	<b>56,410,029</b>	<b>139,278,813</b>



**TABLE 9. Employees and Their Earnings: Manufacturers of Soap and Cleaning Compounds, 1959 and 1960**

Province	Employees					Earnings		
	On salaries		On wages		Total	Salaries	Wages	Total salaries and wages
	Male	Female	Male	Female				
	number					dollars		
<b>1959</b>								
Quebec and Nova Scotia .....	138	55	324	40	557	902,541	1,021,096	1,923,637
Ontario .....	853	458	1,466	362	3,139	7,148,895	8,145,582	15,294,477
Manitoba .....	9	4	20	3	36	54,882	60,478	115,360
Alberta .....	9	1	15	7	32	30,286	51,700	81,986
British Columbia .....	16	4	23	13	56	87,955	94,226	182,181
<b>Canada .....</b>	<b>1,025</b>	<b>522</b>	<b>1,848</b>	<b>425</b>	<b>3,820</b>	<b>8,224,559</b>	<b>9,373,082</b>	<b>17,597,641</b>
<b>1960</b>								
Quebec and Nova Scotia .....	132	48	304	42	526	877,152	1,020,839	1,897,991
Ontario .....	973	488	1,515	360	3,336	7,926,666	8,856,089	16,782,755
Manitoba .....	14	4	23	4	45	56,602	71,319	127,921
Alberta .....	9	2	11	6	28	28,496	42,485	70,981
British Columbia .....	16	4	16	12	48	68,166	77,590	145,756
<b>Canada .....</b>	<b>1,144</b>	<b>546</b>	<b>1,869</b>	<b>424</b>	<b>3,983</b>	<b>8,957,082</b>	<b>10,068,322</b>	<b>19,025,404</b>

**TABLE 10. Production Workers, by Months. Manufacturers of Soap and Cleaning Compounds, 1960**

Month	Establishments reporting monthly detail <sup>1</sup>	
	Male	Female
January .....	1,633	390
February .....	1,637	388
March .....	1,633	364
April .....	1,652	393
May .....	1,636	367
June .....	1,692	404
July .....	1,718	412
August .....	1,698	410
September .....	1,686	384
October .....	1,656	381
November .....	1,566	376
December .....	1,566	391
Average for establishments reporting monthly detail .....	1,650	388
Average estimated for small establishments <sup>2</sup> .....	219	36
Average for all establishments .....	1,869	424

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over.

<sup>2</sup> For establishments generally reporting value of shipments of less than \$200,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.





## Directory of Firms: Manufacturers of Soap and Cleaning Compounds, 1960

Name of firm	Location of plant
<b>Nova Scotia:</b>	
Guildford, D.C. Co. Ltd.	619 Barrington St., Halifax
<b>Quebec:</b>	
American Javel Water Enrg.	1877 Favard, Montreal
Barson Products Ltd.	Lachute
Best Kosher Products	273 Laurier Ave. W., Montreal
Bon Ami Limited	13719 Notre Dame St. E., Montreal
Canadian Industrial Sanitation Ltd.	4020 Richelieu, Montreal
Canadian Permag Products Ltd.	300 Arran Ave., St. Lambert
Canadian Soap & Chemical Co. Ltd.	1361 Notre Dame St. E., Montreal
Chanteclerc Ltée.	85 Ave des Epinettes, Quebec
Chemotic Limited	1158 St. Urban, Montreal
Darling & Brady Limited	1971 Richardson St., Montreal
Deane, B.W. & Co.	236 St. Augustin, Montreal
Douglas Chemical Co. Ltd.	5625 St. Andre St., Montreal
Eau de Javelle Drummond	St. Jean Baptiste
Eau de Javelle Marquise Enrg.	Beaufort Ouest
Eau de Javelle Supreme	4039 Newmarch St., Verdun
Economic Product Ltd.	281 St. Zotique W., Montreal
Fleur de Lys et Internationale	231 Bagot St., Quebec
Fyon & Foyn, Ltd.	5357 Papineau Ave., Montreal
Groulx & Robertson Inc.	6508 Durocher, Montreal
Handy Chemicals Ltd.	225 St. Denis St., St. Lambert
Hart Products Reg'd.	429 St. James St. W., Montreal
Javellex Co.	374 Lariviere, Rouyn
Javex Company Limited	960 Outremont, Montreal
Jumbo Javel Water Reg'd.	440 Galt St., Verdun
Laboratoire Rubigo Ltée.	Three Rivers
La Cie des Produits Vitex	6918 Querbes, Montreal
La Compagnie Lavo Ltée.	1880 Chambly, Montreal
L'Eau de Javelle Canadienne Nationale	21 Troy, Verdun
Les Produits Nor-Do	5210 Resther, Montreal
Mus-Hav-Cleanser Co.	11390 Racette, Montreal
Myriad Detergent Inc.	44 Dorchester, Quebec
Produits Shin-Ex Enrg.	5045 Turcot, Montreal
Produits U-To	St. Hyacinthe
Purssell, Chas., Reg'd.	165 Mt. Vernon Ave. S., Ville St. Pierre
Rolex Cleaner Co.	5140-8th Ave., Montreal
Rowe, Robert, Co. Inc.	1977 Grand Trunk St., Montreal
Sanitary Supply & Equipment Ltd.	4275 Iberville St., Montreal
Savon Majestic Ltée.	1853 Moreau St., Montreal
Seward Soap Co. Ltd., The	1 Maple Ave., Lachine
Snap Manufacturing Ltd.	9680 St. Lawrence Blvd., Montreal
Specialites Economiques Ltée.	500-17th St., Quebec
Texavon Chemical Co. Ltd.	85-A Vitre St. W., Montreal
United Chemical Co. Ltd.	3830 St. Ambrose St., Montreal
Williams, J.B., Co. (Canada) Ltd., The	9471 LaSalle Blvd., Ville LaSalle
<b>Ontario:</b>	
Acme Chemical Products	229 Niagara St., Toronto
Admiral Sanitation Ltd.	115 Crockford Blvd., Toronto
Associated Chemical Co. of Canada Ltd.	Bartor & Clayson Rds., Toronto
Atlantic Manford Chemical Co.	123 McCormack St., Toronto
Atlas Chemical Co. Ltd.	38 McGee St., Toronto
Bernie's Suds Co.	982 Page St., Toronto
Canada Packers Limited	525 Front St. E., Toronto
Canadian Sanitary Supplies Ltd.	107 Victoria Ave. N., Hamilton
Chamberlain Desolvo Co.	522 Hamilton Rd., London
Chemical By-Products Ltd.	25 Racine Rd., Rexdale
Chemical Developments of Canada Ltd.	Langford Mills
Colgate-Palmolive Limited	64 Colgate Ave., Toronto
Copeland Laboratories Ltd.	46 Brydon, Rexdale
Crystal Chemicals Ltd.	124 Manville Rd., Toronto
Crystalline Chemical Co.	Aylmer
Delta Chemicals Ltd.	5 Edward, Brantford
Diamond Cleanser & Soaps	120-26th St., Long Branch
Dick, A.	Welland
Diversey Corporation (Canada) Ltd.	Port Credit
Donella's Bleach	1227 Queensway, Toronto
Douglas-Hogarth Co.	R.R. No. 5, Brantford
Drackett Co. of Canada Ltd., The	104 Jutland Rd., Toronto
Duncan Products	367 Sorauren Ave., Toronto
Easy Way Products	32 Winnett St., Woodstock

## Directory of Firms: Manufacturers of Soap and Cleaning Compounds, 1960 - Concluded

Name of firm	Location of plant
<b>Ontario - Concluded:</b>	
Economics Laboratory (Canada) Ltd.	39 Edgar St., Toronto
Eford Mfg.	Mount Bridges
Empire Chemical Co.	Bolton
Fairbanks Soap Co. Ltd.	353 Eastern Ave., Toronto
Fibre Soap Co.	Bolton
Handee Products	Langstaff
Hunnisett, H.S. Ltd.	200 Wicksteed Ave., Toronto
Huntington Laboratories Ltd.	86 Parliament St., Toronto
Javex Company Limited	99 Vanderhoof Ave., Toronto
Kert Mfg. Co. Ltd.	135 Logan Ave., Toronto
Klean-ez Co.	2176 McDougall, Windsor
Knox-All Specialties	Norham
Lavoline Cleanser Limited	505 Eastern Ave., Toronto
Lawrason, S.F. & Co. Ltd.	180 Adelaide St. S., London
Leaist, F.C. Products	80 Dumdurh St. S., Hamilton
Leeds Soaps Limited	27 Newcastle, Toronto
Lever Brothers Limited	299 Eastern Ave., Toronto
London Soap Co. Ltd., The	197 South St., London
Luster-Sheen Laboratories	733 King St. E., Hamilton
McCarney Products	962 Bathurst St. Rear, Toronto
McGillivray, A. Chemicals Ltd.	Paris
McKague Chemical Co. Ltd.	1119 A. Yonge St., Toronto
Mack's Laundry Specialty Co.	Almonte
Magic White Limited	187 Parliament St., Toronto
Malone Oil Company Ltd.	95 E. Don Roadway, Toronto
Marvelene Co.	10 East Ave. N., Hamilton
Marvelo Chemicals Ltd.	481 Sammon, Toronto
Nelson, H.C. Chemicals Ltd.	1555 Kildare Rd., Windsor
Numite Products Ltd.	Cotton
Ontario Chemicals Limited	51 Clarkson Ave., Toronto
Page Brothers Products Ltd.	462 Sherbourne, Toronto
Premier Products Javel Water	36 Walton St., Toronto
Proctor & Gamble Co. of Canada Ltd., The	Burlington St. E., Hamilton
Purex Corporation Ltd.	44 Clayson Rd., Weston
Russell Chemical Co. Ltd., The	361 Sorauren, Toronto
Sani Bleach Co.	205 Birge St., Hamilton
Snow White Sales	824 E. Main, Welland
S.O.S. Mfg. Co. of Canada Ltd.	78 Tital Rd., Toronto
Steril Products	2353 Moy, Windsor
Sunshine Bleach	276 Main St. W., Hamilton
Taylor Soaps-Perfumes Ltd.	30 Kern Rd., Don Mills
Whitehouse Soaps & Chemicals	Malley Rd., Scarborough
Wonderful Soap Co. Ltd.	16 Fountain St. W., Guelph
<b>Manitoba:</b>	
Beaver Soaps Limited	1377 Winnipeg Ave., Winnipeg
Empire Soap Co. Ltd.	594 Des Meurons Ave., St. Boniface
Javex Company Limited	835 Marion St., St. Boniface
McKellar, E., Supply Co.	876 Banning St., Winnipeg
Ross Sales Limited	1098 Selkirk Ave., Winnipeg
Swano Soap Company	598 Washington Ave., East Kildonan
<b>Alberta:</b>	
Dominion Brokerage Ltd.	9539 - 106th Ave., Edmonton
Javex Company Limited	Edmonton
Savage Products Ltd.	1604 - 38th Ave. S.E., Calgary
Soapone Products Ltd.	12734 - 63rd St., Edmonton
Super Dee Chemicals Co.	808 - 9th Ave. S.W., Calgary
<b>British Columbia:</b>	
Amberline Products Ltd.	717 Aldebury St., Victoria
British India Rug Oil Ltd.	2207 Granville, Vancouver
Canadian Miraclean Products Ltd.	253 - 5th Rd., Richmond
Carpenter & Harrison Ltd.	1210 Wharf, Victoria
Chase-It Mfg. Co. Ltd.	2130 Yew St., Vancouver
Drel Products	1311 West 22nd Ave., North Vancouver
Harvan Chemicals Ltd.	419 Vanguard Rd., Richmond
Javex Company Limited	Stewart St., Vancouver
Kleen Craft Mfg. Ltd.	1010 Clark Drive, Vancouver
Savo-Lite Soap Co.	1924 Triumph St., Vancouver
Western Soap Co. Ltd.	1814 Pandora St., Vancouver



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