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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY, 1938

In 1938, a total of 109 factories in Canada made soaps, washing compounds or cleaning preparations as their main products. Production from these works was valued at \$18,241,985 or 7.1 per cent less than the output of \$19,693,888 from the 101 establishments in this category in 1937. Employees numbered 2,273 against 2,284 in 1937, salaries and wages amounted to \$2,942,456 compared with \$2,836,208 and capital employed totalled \$13,346,856 as against \$14,201,659 in the previous year. Five large factories accounted for about 75 per cent of the production, 69 per cent of the capital and 61 per cent of the employees.

Forty-six of the plants were engaged primarily in the manufacture of soaps, 23 being in Ontario, 11 in Quebec, 5 in Alberta, 3 in Manitoba, 3 in British Columbia and 1 in New Brunswick. These establishments reported 1,907 workers with production valued at \$16,506,844. In 1937 there were 41 soap factories with 1,927 employees and a production of \$18,012,675.

Thirty-five establishments made washing compounds as their main product, 17 being located in Quebec, 11 in Ontario, 3 in Manitoba, 3 in British Columbia and 1 in Alberta. Their output was valued at \$586,979 and employees numbered 169 compared with production at \$542,203 and employees at 166 for the 34 plants reporting in this division for 1937. Javelle water and sodium hypochlorite were the chief products.

Twenty-eight establishments made cleaning preparations as their main product in 1938. Fourteen were located in Ontario, 10 in Quebec, 2 in Manitoba and 2 in British Columbia. Production amounted to \$1,148,162 and the number of employees was 197 while the corresponding data for 1937 showed 26 plants employing 191 people and output valued at \$1,139,010. The main products were cleaning powders, hand cleaner and drain pipe cleaner.

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 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 16 has been added to show the total Canadian production. This table shows that the output for Canada during 1938 included the following: 16,267 tons of toilet soaps valued at \$4,408,625; 28,807 tons of bar laundry and household soaps at \$2,946,304; 18,897 tons of soap chips and flakes at \$2,697,530; 19,214 tons of soap powders at \$2,950,025; 2,398 tons of textile and mill soaps at \$309,479; 1,529 tons of castile soap at \$276,393; 513 tons of shaving soaps and creams at \$723,854;

1,098 tons of liquid soaps at \$162,170; 879 tons of soft soaps at \$118,350; 7,172 tons of cleaning and scouring powders, etc. at \$860,347, javelle water and sodium hypochlorite valued at \$531,589.

Imports of soaps into Canada during the calendar year 1938 were valued at \$459,503. This total included 1,602 tons of laundry soap at \$202,539, 407 tons of castile soap at \$43,169, 333 tons of soap powders at \$33,815, 89 tons of liquid soap at \$13,546 and toilet soaps at \$121,231.

Exports of soaps were appraised at \$1,419,051 in 1938 compared with \$1,256,815 in 1937. The principal export during the year was 7,523 tons of toilet soap valued at \$1,394,753 and of this item 7,209 tons worth \$1,263,994 went to the United Kingdom.

Table 1 - PRINCIPAL STATISTICS OF THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY, 1929 - 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 |
|-------------------------------------|---------------|------------------|-----------------------------|--------------------|---------------------------------------|----------------------------|--|
| | | \$ | | \$ | \$ | \$ | \$ |
| 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 | 6,478,633 | 14,739,153 |
| 1933 | 93 | 13,139,674 | 1,776 | 2,302,315 | 294,833 | 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 |
| 1938 | 109 | 13,346,856 | 2,273 | 2,942,456 | 374,195 | 9,224,150 | 18,241,985 |
| % change 1938 from 1937 | ... | - 6.0 | - 0.5 | + 3.7 | - 5.7 | - 18.0 | - 7.1 |

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 SUB-GROUPS(x), 1936 - 1938

| 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>1936</u> | | | | | | | |
| Soaps | 39 | 10,481,418 | 1,631 | 2,120,148 | 339,725 | 8,554,903 | 14,709,731 |
| Cleaning prepara- tions | 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 |

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS(x), 1936 - 1938 (Concluded)

| 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>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 |
| <u>1938</u> | | | | | | | |
| Soaps | 46 | 11,740,740 | 1,907 | 2,499,254 | 351,357 | 8,636,965 | 16,506,844 |
| Cleaning preparations .. | 28 | 1,078,293 | 197 | 197,833 | 15,767 | 432,292 | 1,148,162 |
| Washing compounds | 35 | 527,823 | 169 | 245,369 | 7,071 | 154,893 | 586,979 |
| TOTAL | 109 | 13,346,856 | 2,273 | 2,942,456 | 374,195 | 9,224,150 | 18,241,985 |

(x) Subdivision made on basis of principal products.

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1937 and 1938

| 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>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 | 18,519 | 419,168 | 799,139 |
| Alberta | 8) | | | | | | |
| CANADA | 101 | 14,201,659 | 2,284 | 2,836,208 | 396,694 | 11,253,146 | 19,693,888 |
| <u>1938</u> | | | | | | | |
| Quebec | 38 | 1,637,731 | 329 | 409,570 | 29,069 | 600,601 | 1,698,270 |
| Ontario | 48 | 9,905,572 | 1,656 | 2,203,775 | 300,439 | 7,818,499 | 14,872,553 |
| Manitoba | 8 | 987,384 | 125 | 134,578 | 21,293 | 312,979 | 672,305 |
| British Columbia ... | 8 | 288,465 | 61 | 65,547 | 5,906 | 145,660 | 325,750 |
| New Brunswick | 1) | | | | | | |
| Alberta | 6) | 527,704 | 102 | 128,986 | 17,438 | 346,411 | 673,107 |
| CANADA | 109 | 13,346,856 | 2,273 | 2,942,456 | 374,195 | 9,224,150 | 18,241,985 |

Table 4 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES and CAPITAL EMPLOYED, 1938

| | Number of plants | Capital employed \$ | Number of employees | Gross selling value of products at works \$ |
|--------------------------------|------------------|------------------------|---------------------|--|
| (a) PRODUCTION | | | | |
| Under \$5,000 | 37 | 109,419 | 70 | 98,609 |
| \$5,000 to \$10,000 | 15 | 130,545 | 56 | 106,494 |
| \$10,001 to \$25,000 | 23 | 287,561 | 122 | 365,120 |
| \$25,001 to \$50,000 | 6 | 177,909 | 55 | 203,646 |
| \$50,001 to \$100,000 | 10 | 573,955 | 144 | 747,570 |
| \$100,001 to \$250,000 | 8 | 1,302,472 | 224 | 1,433,110 |
| \$250,001 to \$500,000 | 5 | 1,549,075 | 215 | 1,642,308 |
| Over \$500,000 | 5 | 9,215,920 | 1,387 | 13,645,128 |
| TOTAL | 109 | 13,346,856 | 2,273 | 18,241,985 |
| (b) NUMBER OF EMPLOYEES | | | | |
| 1 or 2 | 31 | 129,696 | 43 | 85,389 |
| 3 to 10 | 50 | 642,533 | 242 | 800,084 |
| 11 to 20 | 12 | 1,326,737 | 171 | 1,219,097 |
| 21 to 50 | 10 | 1,697,638 | 364 | 2,275,788 |
| Over 50 | 6 | 9,550,252 | 1,453 | 13,861,627 |
| TOTAL | 109 | 13,346,856 | 2,273 | 18,241,985 |
| (c) CAPITAL EMPLOYED | | | | |
| Under \$25,000 | 75 | 492,032 | 265 | 654,902 |
| \$25,000 to \$100,000 | 16 | 777,240 | 172 | 897,625 |
| \$100,001 to \$500,000 | 14 | 3,083,531 | 495 | 3,543,852 |
| Over \$500,000 | 4 | 8,994,053 | 1,341 | 13,140,606 |
| TOTAL | 109 | 13,346,856 | 2,273 | 18,241,985 |

Table 5 - CAPITAL EMPLOYED, BY PROVINCES, 1937 and 1938

| Province | Present value of lands, buildings, machinery, tools and other equipment \$ | Present value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies on hand \$ | Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.) \$ | TOTAL CAPITAL EMPLOYED \$ |
|------------------------|---|---|---|------------------------------|
| 1937 | | | | |
| 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 |
| Other provinces | 247,395 | 344,054 | 39,571 | 631,020 |
| CANADA | 6,690,083 | 5,619,114 | 1,892,462 | 14,201,659 |
| 1938 | | | | |
| Quebec | 776,455 | 280,680 | 580,596 | 1,637,731 |
| Ontario | 4,611,070 | 3,053,133 | 2,241,369 | 9,905,572 |
| Manitoba | 691,799 | 221,731 | 73,854 | 987,384 |
| British Columbia | 145,573 | 113,113 | 29,779 | 288,465 |
| Other provinces | 224,080 | 248,475 | 55,149 | 527,704 |
| CANADA | 6,448,977 | 3,917,132 | 2,980,747 | 13,346,856 |

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1937 and 1938

| Province | Average Number of Employees | | | | | Salaries \$ | Wages \$ | TOTAL SALARIES and WAGES \$ |
|------------------|-----------------------------|--------|----------|--------|-------|----------------|-------------|--------------------------------------|
| | On Salaries | | On Wages | | TOTAL | | | |
| | Male | Female | Male | Female | | | | |
| 1937 | | | | | | | | |
| 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 |
| Other provinces. | 37 | 4 | 54 | 7 | 102 | 65,798 | 58,197 | 123,995 |
| CANADA | 704 | 161 | 1,162 | 257 | 2,284 | 1,411,718 | 1,424,490 | 2,836,208 |
| 1938 | | | | | | | | |
| Quebec | 83 | 21 | 186 | 39 | 329 | 226,145 | 183,425 | 409,570 |
| Ontario | 509 | 133 | 796 | 218 | 1,656 | 1,120,354 | 1,083,421 | 2,203,775 |
| Manitoba | 43 | 14 | 53 | 15 | 125 | 80,942 | 53,636 | 134,578 |
| British Columbia | 23 | 5 | 29 | 4 | 61 | 28,612 | 36,935 | 65,547 |
| Other provinces. | 34 | 7 | 54 | 7 | 102 | 72,073 | 56,913 | 128,986 |
| CANADA | 692 | 180 | 1,118 | 283 | 2,273 | 1,528,126 | 1,414,330 | 2,942,456 |

Table 7 - WAGE-EARNERS, BY MONTHS, 1937 and 1938 (On the last day of each month or nearest work day)

| Month | 1937 | | | 1938 | | |
|-----------------|-------|--------|-------|-------|--------|-------|
| | Male | Female | TOTAL | Male | Female | TOTAL |
| January | 1,080 | 208 | 1,288 | 1,080 | 246 | 1,326 |
| February | 1,138 | 231 | 1,369 | 1,092 | 236 | 1,328 |
| March | 1,157 | 245 | 1,402 | 1,109 | 278 | 1,387 |
| April | 1,162 | 255 | 1,417 | 1,100 | 270 | 1,370 |
| May | 1,169 | 261 | 1,430 | 1,108 | 294 | 1,402 |
| June | 1,181 | 290 | 1,471 | 1,123 | 311 | 1,434 |
| July | 1,176 | 284 | 1,460 | 1,141 | 304 | 1,445 |
| August | 1,189 | 295 | 1,484 | 1,153 | 317 | 1,470 |
| September | 1,200 | 319 | 1,519 | 1,152 | 331 | 1,483 |
| October | 1,229 | 313 | 1,542 | 1,140 | 309 | 1,449 |
| November | 1,192 | 258 | 1,450 | 1,116 | 302 | 1,418 |
| December | 1,142 | 222 | 1,364 | 1,091 | 270 | 1,361 |
| AVERAGE | 1,162 | 257 | 1,419 | 1,118 | 283 | 1,401 |

Table 8 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS, 1938 (Overtime not included)

| Regular hours worked | Per cent of wage-earners | Regular hours worked | Per cent of wage-earners |
|------------------------|--------------------------|----------------------|--------------------------|
| 30 hours or less | 1.4 | 49 - 50 hours | 3.9 |
| 31 - 43 hours | 22.6 | 51 - 54 hours | 1.9 |
| 44 hours | 9.3 | 55 hours | 0.2 |
| 45 - 47 hours | 46.1 | 56 - 64 hours | 1.9 |
| 48 hours | 12.7 | | |

Table 9 - FUEL AND ELECTRICITY USED, 1937 and 1938

| Kind | Unit of measure | 1 9 3 7 | | 1 9 3 8 | |
|----------------------------|-----------------|-----------|---------------|-----------|---------------|
| | | Quantity | Cost at works | Quantity | Cost at works |
| | | \$ | | \$ | |
| Bituminous coal - Canadian | short ton | 3,776 | 19,809 | 3,342 | 20,074 |
| Imported | short ton | 47,009 | 259,498 | 43,189 | 246,850 |
| Anthracite coal | short ton | 179 | 1,982 | 264 | 2,510 |
| Lignite coal - Canadian .. | short ton | 120 | 229 | ... | ... |
| Coke | short ton | 84 | 919 | 67 | 647 |
| Gasoline | Imp. gal. | 3,380 | 1,052 | 2,612 | 675 |
| Kerosene | Imp. gal. | 448 | 96 | 250 | 50 |
| Fuel oil | Imp. gal. | 181,590 | 11,079 | 180,177 | 10,632 |
| Gas - Manufactured | M cu. ft. | 1,131 | 1,069 | 1,966 | 1,910 |
| Natural | M cu. ft. | 254 | 110 | 322 | 134 |
| Wood | cord | 171 | 713 | 155 | 796 |
| Other fuel | \$ | ... | 25,626 | ... | 21,671 |
| Electricity purchased | K. W. H. | 7,945,739 | 74,512 | 7,103,048 | 68,246 |
| TOTAL | \$ | ... | 396,694 | ... | 374,195 |

Table 10 - POWER EQUIPMENT, 1937 and 1938

| | 1 9 3 7 | | 1 9 3 8 | |
|---|-----------------|-------------------------|-----------------|-------------------------|
| | Number of units | Total rated horse power | Number of units | Total rated horse power |
| Steam engines and steam turbines | 16 | 723 | 13 | 551 |
| Gasoline engines | 2 | 7 | 1 | 4 |
| Total Primary | 18 | 730 | 14 | 555 |
| Electric motors operated by purchased power | 1,124 | 6,150 | 1,249 | 6,433 |
| TOTAL | 1,142 | 6,880 | 1,263 | 6,988 |
| Stationary boilers | 47 | 7,755 | 45 | 7,558 |

Table 11 - POWER EQUIPMENT, 1938, 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 | 11 | 463 | 2 | 88 |
| Gasoline engines | 1 | 4 | ... | ... |
| Total Primary | 12 | 467 | 2 | 88 |
| Electric motors operated by purchased power | 1,212 | 6,304 | 37 | 129 |
| TOTAL | 1,224 | 6,771 | 39 | 217 |
| Stationary boilers | 38 | 5,777 | 7 | 1,781 |

Table 12 - MATERIALS USED IN MANUFACTURING, 1937 and 1938

| Materials | Unit of measure | 1 9 3 7 | | 1 9 3 8 | |
|--|-----------------|------------|---------------|------------|---------------|
| | | Quantity | Cost at works | Quantity | Cost at works |
| | | | \$ | | \$ |
| Acid, cresylic | lb. | No data | | 102,647 | 14,197 |
| Carbon tetrachloride | lb. | 55,495 | 3,349 | 56,915 | 3,125 |
| Chloride of lime | lb. | 1,123,614 | 23,161 | 1,153,328 | 25,094 |
| Cocoonut oil | lb. | 27,942,794 | 1,799,836 | 26,483,415 | 1,388,775 |
| Corn oil | lb. | 14,284 | 1,348 | 46,322 | 2,635 |
| Cottonseed oil | lb. | 104,417 | 7,322 | 44,847 | 1,129 |
| Essential oils and perfumes | \$ | ... | 367,376 | ... | 313,410 |
| Ethyl alcohol | Proof gal. | 5,682 | 5,796 | 5,512 | 5,241 |
| Fatty acids (stearic, etc.) | lb. | 1,221,866 | 83,841 | 565,447 | 40,171 |
| Feldspar | ton | 1,119 | 13,329 | 1,008 | 11,212 |
| Fish oils | lb. | 5,964,214 | 254,384 | 6,005,147 | 239,636 |
| Foots (cottonseed, olive, etc.) | lb. | 7,926,399 | 537,960 | 12,180,260 | 584,582 |
| Fuller's earth | lb. | 1,167,768 | 20,393 | 1,195,208 | 19,575 |
| Glycerine, crude | lb. | 1,635,511 | 221,768 | 3,260,302 | 316,714 |
| Glycerine, refined | lb. | 45,547 | 11,018 | 37,868 | 6,570 |
| Hydrogen | cu.ft. | ... | 27,974 | 8,022,411 | 4,519 |
| Hydrochloric acid (muriatic) | lb. | 491,034 | 11,162 | 204,547 | 4,985 |
| Liquid chlorine | lb. | 485,313 | 30,579 | 651,264 | 31,791 |
| Linseed oil | Imp.gal. | 46,373 | 27,976 | 16,455 | 11,307 |
| Olive oil | lb. | 9,928 | 1,819 | 49,339 | 7,868 |
| Palm oil | lb. | 27,255,165 | 1,348,744 | 19,378,864 | 952,501 |
| Palm kernel oil | lb. | 859,093 | 53,245 | 1,214,313 | 57,235 |
| Peanut oil | lb. | 1,863,864 | 129,495 | 388,032 | 23,175 |
| Petrolatum | lb. | 12,012 | 781 | ... | ... |
| Potassium hydroxide (caustic potash) | lb. | 327,739 | 19,992 | 370,686 | 19,265 |
| Rosin | lb. | 5,322,905 | 219,469 | 4,405,998 | 155,344 |
| Seal oil | lb. | 1,018,212 | 52,122 | 1,036,537 | 45,930 |
| Silica sand | ton | 4,685 | 76,378 | 4,987 | 80,056 |
| Sodium carbonate (soda ash) | lb. | 10,332,947 | 157,752 | 10,495,347 | 162,628 |
| Sodium hydroxide (caustic soda) | lb. | 20,280,214 | 568,320 | 18,405,873 | 518,260 |
| Sodium chloride (common salt) | lb. | 4,017,429 | 14,958 | 3,833,557 | 14,015 |
| Sodium silicate (water glass) | lb. | 29,213,051 | 236,392 | 27,157,673 | 227,192 |
| Soya bean oil | lb. | 1,794,313 | 110,317 | 1,604,402 | 89,258 |
| Sulphuric acid | lb. | 127,815 | 2,622 | 153,211 | 3,435 |
| Talc | lb. | 302,520 | 3,123 | 482,390 | 4,437 |
| Tallow, grease, and other soap stock | lb. | 42,164,579 | 2,399,488 | 40,662,210 | 1,729,456 |
| Trichlorethylene | lb. | 8,617 | 880 | 8,164 | 818 |
| Sodium phosphate | lb. | 2,601,660 | 73,268 | 2,941,184 | 138,571 |
| Whale oil | lb. | 1,440,652 | 65,659 | 319,253 | 12,609 |
| All other materials | \$ | ... | 341,379 | ... | 311,505 |
| Containers, etc. | \$ | ... | 1,928,373 | ... | 1,645,924 |
| TOTAL | \$ | ... | 11,253,146 | ... | 9,224,150 |

Table 13 - MATERIALS USED IN MANUFACTURING, BY PROVINCES, 1938

| Materials | Unit of measure | QUEBEC | | ONTARIO | | OTHER PROVINCES | |
|--|-----------------|------------|---------------------|------------|---------------------|-----------------|---------------------|
| | | Quantity | Cost at works \$ | Quantity | Cost at works \$ | Quantity | Cost at works \$ |
| Carbon tetrachloride.. | lb. | ... | ... | 56,915 | 3,125 | ... | ... |
| Chloride of lime | lb. | 948,100 | 19,134 | 181,028 | 5,000 | 24,200 | 960 |
| Cocconut oil | lb. | 799,287 | 40,012 | 23,750,783 | 1,247,996 | 1,933,345 | 100,767 |
| Corn oil | lb. | ... | ... | 44,422 | 2,559 | 1,900 | 76 |
| Cottonseed oil | lb. | ... | ... | 20,530 | 354 | 24,317 | 775 |
| Essential oils and perfumes | \$ | ... | 15,899 | ... | 288,347 | ... | 9,164 |
| Ethyl alcohol | Proof gal. | 1,692 | 1,356 | 3,802 | 3,869 | 18 | 16 |
| Fatty acids (stearic, etc.) | lb. | 67,758 | 5,437 | 497,689 | 34,737 | ... | ... |
| Feldspar | ton | 1,006 | 11,144 | 2 | 68 | ... | ... |
| Fish oils | lb. | ... | ... | 6,005,147 | 239,636 | ... | ... |
| Foots (cottonseed, olive, etc.) | lb. | 400,000 | 10,500 | 11,302,989 | 566,094 | 477,271 | 7,988 |
| Fuller's earth | lb. | ... | ... | 1,086,499 | 18,006 | 108,709 | 1,569 |
| Glycerine, crude | lb. | 982 | 150 | 3,259,320 | 316,564 | ... | ... |
| Glycerine, refined ... | lb. | 10,710 | 1,868 | 26,636 | 4,585 | 522 | 117 |
| Hydrogen | cu ft. | ... | ... | 8,022,411 | 4,519 | ... | ... |
| Hydrochloric acid (muriatic) | lb. | ... | ... | 134,919 | 2,738 | 69,628 | 2,247 |
| Liquid chlorine | lb. | 948,100 | 19,134 | 335,208 | 15,775 | 24,506 | 2,898 |
| Linseed oil | Imp. gal. | 6,335 | 5,881 | 3,992 | 3,176 | 3,128 | 2,250 |
| Olive oil | lb. | 40,000 | 6,700 | 9,339 | 1,168 | ... | ... |
| Palm oil | lb. | 1,101,319 | 38,780 | 17,366,995 | 870,062 | 910,550 | 43,659 |
| Palm kernel oil | lb. | ... | ... | 1,214,313 | 57,235 | ... | ... |
| Peanut oil | lb. | ... | ... | 374,686 | 22,247 | 13,346 | 928 |
| Potassium hydroxide (caustic potash) ... | lb. | 102,428 | 5,428 | 216,400 | 10,417 | 51,858 | 3,420 |
| Rosin | lb. | 262,337 | 7,394 | 2,969,261 | 103,174 | 1,174,400 | 44,776 |
| Seal oil | lb. | ... | ... | 1,036,537 | 45,930 | ... | ... |
| Silica sand | ton | 1,438 | 12,557 | 3,232 | 65,110 | 317 | 4,389 |
| Sodium carbonate (soda ash) | lb. | 1,252,080 | 23,306 | 8,314,084 | 121,957 | 929,183 | 17,365 |
| Sodium chloride (common salt) | lb. | 134,000 | 713 | 3,418,122 | 11,181 | 281,525 | 2,121 |
| Sodium hydroxide (caustic soda) | lb. | 1,074,051 | 42,599 | 15,027,599 | 402,012 | 2,304,223 | 73,649 |
| Sodium silicate (water glass) | lb. | 1,772,227 | 19,543 | 22,657,112 | 158,720 | 2,728,334 | 48,929 |
| Soya bean oil | lb. | 132,468 | 6,933 | 1,113,752 | 61,353 | 110,870 | 6,354 |
| Sulphuric acid | lb. | 1,400 | 35 | 129,928 | 2,730 | 21,883 | 670 |
| Talc | lb. | 43,100 | 450 | 438,790 | 3,972 | ... | ... |
| Tallow, grease and other soap stock ... | lb. | 2,117,259 | 89,598 | 31,881,693 | 1,386,054 | 6,663,258 | 253,804 |
| Trichlorethylene | lb. | ... | ... | 8,164 | 818 | ... | ... |
| Trisodium phosphate... | lb. | 368,100 | 13,704 | 2,560,289 | 124,290 | 12,795 | 577 |
| Whale oil | lb. | ... | ... | 306,704 | 12,351 | 12,549 | 258 |
| All other materials .. | \$ | ... | 23,864 | ... | 275,864 | ... | 34,588 |
| Containers, etc. | \$ | ... | 178,482 | ... | 1,326,706 | ... | 140,736 |
| TOTAL | \$ | ... | 600,601 | ... | 7,818,499 | ... | 805,050 |

Table 14 - PRODUCTS MADE, 1937 and 1938

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 items 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 7 | Selling value at works | 1 9 3 8 | Selling value at works |
|--|-----------------|------------|------------------------|------------|------------------------|
| | | Quantity | \$ | Quantity | \$ |
| Hard Soaps - | | | | | |
| Bar laundry and household soaps - | | | | | |
| (a) Yellow | lb. | 38,951,041 | 2,185,798 | 33,950,258 | 1,798,405 |
| (b) White | lb. | 26,583,230 | 1,380,620 | 23,025,076 | 1,124,350 |
| Soap chips and flakes - | | | | | |
| In household packages | lb. | 15,943,713 | 1,787,826 | 15,324,352 | 1,575,459 |
| In bulk | lb. | 22,183,144 | 1,237,491 | 22,383,208 | 1,117,071 |
| Textile and mill soaps, all forms | lb. | 2,638,298 | 192,645 | 3,741,223 | 252,874 |
| Toilet soaps | lb. | 35,446,429 | 4,737,145 | 31,188,472 | 4,054,228 |
| Polishing and scouring soaps. | lb. | 168,722 | 10,533 | 233,228 | 15,295 |
| Castile soaps - | | | | | |
| (a) Boiled | lb. | 811,816 | 84,635 | 979,377 | 99,732 |
| (b) Cold process | lb. | 2,523,840 | 215,808 | 2,072,710 | 176,275 |
| Soap powders - | | | | | |
| In household packages | lb. | 30,654,298 | 2,514,400 | 35,409,002 | 2,788,360 |
| In bulk | lb. | 2,810,701 | 180,230 | 3,018,399 | 161,625 |
| Shaving soaps - | | | | | |
| (a) Creams | lb. | 303,993 | 285,799 | 325,272 | 302,480 |
| (b) All others | lb. | 487,078 | 206,299 | 522,008 | 216,394 |
| All other hard soaps | lb. | 543,299 | 28,604 | 705,016 | 35,020 |
| Liquid soaps | lb. | 1,343,601 | 170,068 | 1,150,985 | 114,094 |
| Soft soaps | lb. | 1,738,689 | 97,623 | 1,459,215 | 102,342 |
| Cleaning Preparations - | | | | | |
| Ammonia powder | lb. | 3,010,373 | 110,040 | 3,088,033 | 114,057 |
| Chloride of lime | lb. | 178,800 | 17,905 | 134,500 | 8,710 |
| Hand cleaner | lb. | 719,667 | 92,503 | 639,017 | 81,210 |
| Sal soda | lb. | 2,650,773 | 43,181 | 2,238,732 | 39,527 |
| Javelle water and sodium hypochlorite | \$ | ... | 485,460 | ... | 515,198 |
| Other washing compounds | lb. | 625,150 | 64,903 | 726,254 | 73,276 |
| Cleaning or scouring powders, pastes and cakes | lb. | 13,389,744 | 820,529 | 14,193,919 | 348,442 |
| Drain pipe cleaner, toilet flush, etc. | lb. | 1,285,183 | 86,564 | 1,325,305 | 89,093 |
| Other cleaning preparations. | lb. | 903,151 | 81,053 | 1,349,184 | 146,363 |
| Glycerine, crude, sold as such | lb. | 2,036,080 | 265,316 | 1,892,403 | 157,093 |
| Glycerine, refined | lb. | 8,020,131 | 1,382,704 | 9,723,576 | 1,318,758 |
| Toilet preparations | \$ | ... | 584,130 | ... | 603,819 |
| All other products (x) | \$ | ... | 344,076 | ... | 312,435 |
| TOTAL | \$ | ... | 19,693,888 | ... | 18,241,985 |

(x) Includes data for textile softeners, wax, vegetable shortening, laundry blue, etc.

Table 15 - PRODUCTS MADE, BY PROVINCES, 1938

| Products | QUEBEC | | ONTARIO | | OTHER PROVINCES | |
|--|---------------|------------------------------|------------|------------------------------|-----------------|------------------------------|
| | Quantity | Selling value at works \$ | Quantity | Selling value at works \$ | Quantity | Selling value at works \$ |
| Hard Soaps - | | | | | | |
| Bar laundry and household soaps - | | | | | | |
| (a) Yellow lb. | 3,347,041 | 161,239 | 20,853,178 | 1,035,017 | 9,750,039 | 602,149 |
| (b) White lb. | 64,000 | 9,980 | 16,672,670 | 727,853 | 6,288,406 | 386,517 |
| Soap chips and flakes | lb. 1,636,600 | 74,730 | 33,399,953 | 2,430,994 | 2,671,007 | 186,806 |
| Textile and mill soaps, all forms. | lb. 784,909 | 32,246 | 2,947,614 | 220,345 | 8,700 | 283 |
| Toilet soaps | lb. 669,384 | 97,506 | 29,977,338 | 3,878,969 | 541,750 | 77,753 |
| Polishing and scouring soaps... | lb. 131,100 | 4,128 | 102,128 | 11,167 | ... | ... |
| Castile soaps - | | | | | | |
| (a) Boiled | lb. 140,000 | 14,000 | 428,853 | 43,449 | 410,524 | 42,283 |
| (b) Cold process. | lb. ... | ... | 1,965,803 | 167,067 | 106,907 | 9,208 |
| Soap powders | lb. 227,104 | 10,078 | 37,361,346 | 2,878,830 | 838,951 | 61,077 |
| Shaving soaps - | | | | | | |
| (a) Creams | lb. 97,896 | 100,151 | 227,376 | 202,329 | ... | ... |
| (b) All others .. | lb. 180,577 | 119,985 | 340,831 | 96,319 | 600 | 90 |
| All other hard soap | lb. 500,000 | 23,000 | 160,153 | 9,613 | 40,657 | 1,915 |
| Liquid soaps | lb. 209,800 | 15,685 | 736,395 | 90,315 | 204,790 | 8,094 |
| Soft soaps | lb. 522,000 | 23,805 | 522,933 | 52,670 | 414,282 | 25,867 |
| Cleaning Preparations - | | | | | | |
| Ammonia powder ... | lb. ... | ... | 2,987,872 | 108,015 | 100,161 | 6,048 |
| Hand cleaner | lb. 536,029 | 70,050 | 84,807 | 8,835 | 18,181 | 2,325 |
| Javelle water and sodium hypochlorite | \$... | 342,672 | ... | 155,775 | ... | 16,751 |
| Other washing compounds | lb. 156,600 | 10,853 | 368,074 | 48,174 | 201,580 | 14,249 |
| Cleaning or scouring powders or pastes | lb. 6,041,233 | 418,984 | 7,461,895 | 401,115 | 690,791 | 28,343 |
| Other cleaning preparations, including drain pipe cleaner | lb. 1,074,748 | 61,428 | 2,124,291 | 141,656 | 1,495,511 | 34,107 |
| Glycerine, crude, sold as such | lb. ... | ... | 1,024,139 | 75,895 | 868,264 | 81,198 |
| Glycerine, refined. | lb. ... | ... | 9,723,576 | 1,318,758 | ... | ... |
| Toilet preparations | \$... | 59,625 | ... | 544,164 | ... | 30 |
| All other products (x) | \$... | 48,125 | ... | 225,229 | ... | 86,069 |
| TOTAL | \$... | 1,698,270 | ... | 14,872,553 | ... | 1,671,162 |

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

Table 16 - TOTAL PRODUCTION IN CANADA OF SOAPS, WASHING COMPOUNDS, CLEANING PREPARATIONS, ETC., 1937 and 1938

NOTE - The figures represent the total Canadian production of the commodities listed, regardless of the industries in which produced. Data for 1938 are subject to slight revision on further examination of the individual reports.

| Items | 1 9 3 7 | | 1 9 3 8 | |
|---|------------|----------------|------------|----------------|
| | Quantity | Selling value | Quantity | Selling value |
| | Pounds | at works \$ | Pounds | at works \$ |
| Hard Soaps - | | | | |
| Bar laundry and household soaps - | | | | |
| (a) Yellow | 39,067,140 | 2,191,921 | 33,974,565 | 1,799,568 |
| (b) White | 28,194,165 | 1,439,250 | 23,640,076 | 1,146,736 |
| Soap chips and flakes - | | | | |
| (a) In household packages | 16,188,175 | 1,802,019 | 15,324,352 | 1,575,459 |
| (b) In bulk (except textile and mill) | 22,249,744 | 1,244,013 | 22,469,308 | 1,122,071 |
| Textile and mill soaps (including soap chips and flakes)(x) | 3,911,010 | 279,968 | 4,796,326 | 309,479 |
| Toilet soaps | 36,830,705 | 5,080,194 | 32,534,040 | 4,408,625 |
| Polishing and scouring soaps | 168,722 | 10,533 | 233,228 | 15,295 |
| Castile soaps - | | | | |
| (a) Boiled | 835,101 | 85,187 | 985,167 | 100,118 |
| (b) Cold process | 2,523,840 | 215,808 | 2,072,710 | 176,275 |
| Soap powders - | | | | |
| (a) In household packages | 30,654,298 | 2,514,400 | 35,409,002 | 2,788,360 |
| (b) In bulk | 2,314,193 | 180,420 | 3,019,449 | 161,665 |
| Shaving soaps - | | | | |
| (a) Creams | 457,522 | 427,043 | 481,052 | 443,663 |
| (b) All other | 510,034 | 267,152 | 545,340 | 280,191 |
| All other hard soap | 756,899 | 47,739 | ... | 47,147 |
| Liquid soaps | 1,685,091 | 191,229 | 2,196,598 | 162,170 |
| Soft soaps | 2,509,276 | 130,819 | 1,757,766 | 118,350 |
| Ammonia powder | 3,010,373 | 110,040 | 3,375,602 | 129,243 |
| Javelle water and sodium hypochlorite | ... | 485,795 | ... | 531,589 |
| Other washing compounds | 1,687,127 | 146,833 | ... | 135,507 |
| Hand cleanser | 883,737 | 108,836 | 718,708 | 90,608 |
| Cleaning or scouring powders, pastes and cakes | 13,604,644 | 834,384 | 14,343,919 | 860,347 |
| Drain pipe cleaner, toilet flush, etc. | 1,292,183 | 87,054 | 1,328,305 | 89,343 |
| Other cleaning preparations | 1,169,651 | 103,287 | ... | 87,102 |
| Sal soda | 2,650,773 | 43,181 | 2,238,732 | 39,527 |
| Chloride of lime | 3,404,300 | 72,777 | 2,804,007 | 56,040 |
| Lye | 2,574,263 | 333,661 | 1,937,353 | 256,854 |
| Glycerine, crude | 2,036,080 | 265,316 | 1,892,403 | 157,093 |
| Glycerine, refined | 8,020,131 | 1,382,704 | 9,723,576 | 1,318,758 |

(x) Includes some liquid and soft soaps.

Table 17 - IMPORTS OF SOAP INTO CANADA, 1937 and 1938

| Commodity | Country of origin | 1 9 3 7 | | 1 9 3 8 | |
|---|-------------------|-----------|---------|-----------|---------|
| | | Pounds | \$ | Pounds | \$ |
| Castile soap | TOTAL IMPORTS | 926,860 | 64,247 | 814,680 | 43,169 |
| | United Kingdom | 117,387 | 8,161 | 59,453 | 3,836 |
| | United States | 18,740 | 3,428 | 19,527 | 2,858 |
| | France | 790,733 | 52,658 | 715,806 | 35,524 |
| Common or laundry soap | TOTAL IMPORTS | 4,812,027 | 297,810 | 3,204,235 | 202,389 |
| | United Kingdom | 574,780 | 36,862 | 283,047 | 21,653 |
| | United States | 4,083,303 | 251,750 | 2,825,535 | 175,432 |
| | France | 102,301 | 6,246 | 84,136 | 4,780 |
| Harness soap | TOTAL IMPORTS | 2,827 | 465 | 3,996 | 712 |
| | United Kingdom | 1,878 | 406 | 2,389 | 520 |
| | United States | 949 | 59 | 1,607 | 192 |
| Liquid soap | TOTAL IMPORTS | 33,623 | 9,045 | 117,276 | 13,546 |
| | United Kingdom | 9,474 | 809 | 40,201 | 5,033 |
| | United States | 67,899 | 7,191 | 76,935 | 8,453 |
| Soap powders and powdered soap | TOTAL IMPORTS | 540,183 | 40,472 | 666,618 | 39,815 |
| | United Kingdom | 7,630 | 885 | 6,163 | 709 |
| | United States | 531,719 | 39,493 | 659,348 | 38,962 |
| Toilet soap, n.o.p. .. | TOTAL IMPORTS | ... | 121,938 | ... | 121,231 |
| | United Kingdom | ... | 77,063 | ... | 67,143 |
| | United States | ... | 26,728 | ... | 36,151 |
| | France | ... | 6,543 | ... | 5,949 |
| Whale oil soap | TOTAL IMPORTS | 15,836 | 968 | 20,591 | 1,252 |
| | United Kingdom | 112 | 6 | ... | ... |
| | United States | 15,774 | 962 | 20,591 | 1,252 |
| Soap, n.o.p., including pumice, silver and mineral soaps, sapolio and like articles - | TOTAL IMPORTS | ... | 50,773 | ... | 37,389 |
| | United Kingdom | ... | 13,103 | ... | 10,117 |
| | United States | ... | 34,392 | ... | 25,404 |
| TOTAL SOAP | TOTAL IMPORTS | ... | 585,778 | ... | 459,503 |
| | United Kingdom | ... | 137,295 | ... | 109,011 |
| | United States | ... | 364,503 | ... | 288,684 |

Table 18 - EXPORTS OF SOAP FROM CANADA, 1937 and 1938

| Commodity | Country of destination | 1 9 3 7 | | 1 9 3 8 | |
|------------------|------------------------|------------|-----------|------------|-----------|
| | | Pounds | \$ | Pounds | \$ |
| Toilet soap ... | TOTAL EXPORTS | 14,306,885 | 1,240,872 | 15,046,732 | 1,394,753 |
| | United Kingdom | 11,962,987 | 985,631 | 14,417,819 | 1,263,994 |
| | United States | 1,330 | 255 | 2,024 | 226 |
| | Ceylon | 166,037 | 34,077 | 102,292 | 28,622 |
| | British Guiana | 26,526 | 5,134 | 23,508 | 4,562 |
| | Barbados | 28,271 | 5,470 | 16,282 | 3,397 |
| | Jamaica | 137,893 | 27,208 | 166,514 | 33,627 |
| | Trinidad and Tobago | 73,768 | 14,260 | 80,260 | 16,141 |
| | Other Br. West Indies | 38,773 | 7,932 | 46,781 | 9,277 |
| | Newfoundland | 42,846 | 8,614 | 50,675 | 9,411 |
| | Netherlands | 1,367,955 | 100,035 | 4,033 | 768 |
| | New Zealand | 399,776 | 37,803 | 57,715 | 8,318 |
| Soap, n.o.p. ... | TOTAL EXPORTS | 200,855 | 15,943 | 298,665 | 24,298 |
| | United Kingdom | 23,923 | 3,443 | 52,823 | 7,973 |
| | United States | 6,625 | 618 | 20,233 | 513 |
| | Trinidad and Tobago | 119,420 | 7,312 | 135,047 | 8,062 |

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS INDUSTRY, 1938

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 -

St. Croix Soap Mfg. Co.

Water St., St. Stephen

QUEBEC -

Canadian Soap and Chemical Co.

1353 Notre Dame St. E., Montreal

Darling & Brady, Limited

1971 Richardson St., Montreal

Les Produits du Saguenay Enrg.

Lac Bouchette

Maheux, Alphonse, Enrg.

478 rue St. Vallier, Quebec

Roy, D. (Savon Majestic Ltée)

1853 Moreau St., Montreal

Savonnerie Alouette Ltée

Ville Ste. Pierre (Montreal)

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS
INDUSTRY, 1938 - (Continued)

| <u>Names of Firms</u> | <u>Location of Plants</u> |
|---|---------------------------------------|
| (a) <u>SOAPS (concluded)</u> | |
| <u>QUEBEC - Con.</u> | |
| Savonnerie Bourbeau, Enrg. | 675 Chemin Ste. Foy, Quebec |
| Savonnerie Laurentienne Limitee | 41 rue Garneau, Hull |
| Sewards Soap Company | Ville St. Pierre (Montreal) |
| Williams, J. B., Co. (Canada) Ltd. | 9471 La Salle Blvd., Ville La Salle |
| Wood, G. H. & Co. Ltd. | 440 St. Peter St., Montreal |
| <u>ONTARIO -</u> | |
| Canada Packers Limited | 521 Front St. E., Toronto |
| Colgate-Palmolive-Peet Company, Ltd. | 64 Natalie St., Toronto |
| Collins-Lowe Co. Ltd. | 366 Adelaide St. W., Toronto |
| Diamond Cleanser & Soaps Limited | 1180 King St. W., Toronto |
| Elliott, J. & R. | Water St. S., Galt |
| Fibre Soap Company | 17 Dalhousie St., Toronto |
| Fairbanks Soap Co. Ltd. | 353 Eastern Ave., Toronto |
| Hubbard Soaps | 674 Parliament St., Toronto |
| Huntingdon Laboratories of Canada, Ltd. | 72 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. | 197 Ottaway Ave., London |
| Luster Line Limited | Madoc |
| Malone Oil Company Ltd. | 95 Don Roadway, Toronto |
| Procter & Gamble Co. of Canada, Ltd. | 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 |
| <u>MANITOBA -</u> | |
| Beaver Soap & Chemicals Limited | 1377 Winnipeg Ave., Winnipeg |
| Northern Soap Company Ltd. | 394 Gertrude Ave., Winnipeg |
| Royal Crown Soaps Limited | 289 King St., Winnipeg |
| <u>ALBERTA -</u> | |
| Acme Soap Works | 57th St. and 127th Ave., Edmonton |
| Berry's Soap Granules | 9840 - 61st Avenue, Edmonton |
| Royal Crown Soaps Limited | 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 |
| <u>BRITISH COLUMBIA -</u> | |
| Royal Crown Soaps Limited | 308 Georgia St. E., Vancouver |
| Standard Soaps & Sundries | 520 Nelson St., Vancouver |
| Western Soap Company | 1624 Franklin St., Vancouver |

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS
INDUSTRY, 1938 - (Continued)

Names of Firms

Location of Plants

(b) WASHING COMPOUNDS

QUEBEC -

| | |
|-------------------------------|-------------------------------|
| Abbana Industries Ltd. | 1415 St. Mark St., Montreal |
| American Javel Water | 1875 Favard St., Montreal |
| Dalglisch & Company | 6501 Durocher St., Montreal |
| Demontigny & Ponlot | 39 .. 7th St., Quebec |
| Eau Javelle Huot | 5450 .. 15th Ave., Rosemont |
| 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 |
| Made-Rite-Bleach Reg'd. | 233 Short St., Sherbrooke |
| O-Bel-O Javelle Enrg. | 7383 De Laroche 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. Dizier St., Montreal |
| Vita Lava | 109 .. 7th St., Quebec |

ONTARIO -

| | |
|----------------------------------|-----------------------------|
| Atlas Chemical Co. | 75 Logan Ave., Toronto |
| Beecroft Mfg. Co. | 567 Oakwood Ave., Toronto |
| Dalglisch & Co. | 140 Liberty St., Toronto |
| Klean-Ez | 829 Langlois Ave., Windsor |
| 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 -

| | |
|-----------------------|----------------------------|
| Crescent Products | 662 Pacific Ave., Winnipeg |
| Dainty White Co. Ltd. | 729 Stella Ave., Winnipeg |
| Luther Ford & Co. | 126 Lombard St., Winnipeg |

ALBERTA -

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

BRITISH COLUMBIA -

| | |
|-------------------------|---------------------------------|
| Perfection Bleach Co. | 118 West Second Ave., Vancouver |
| Suprema Polish Co. Ltd. | 1523 W. 5th Ave., Vancouver |
| Worth, William | 1296 Georgia St., Vancouver |



DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS
INDUSTRY, 1938 - (Concluded)

Names of Firms

Location of Plants

(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 |
| Hart Products Reg'd. | 742 St. Antoine St., Montreal |
| Lalonde, Frank P., Limited | 370 Inspector St., Montreal |
| Rokeach, I., & Sons of Canada, Limited | 8259 Notre Dame St. E., Montreal |
| Snap Company, Limited | 2715 Reading St., 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 |
| Canadian Sanitary Supplies Ltd. | 9 Kenelworth Ave., Toronto 11 |
| Chamberlain Desolve Company Limited | 522 Hamilton Rd., London |
| Cudahy Packing Co. | 64 Macaulay Ave., Toronto |
| D'Arcy Mfg. Co. | 179 Bolton Ave., Toronto |
| Duncan Products | 367 Sorauren 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. & St. Clair Ave., Toronto |
| Whipzit Mfg. Co. | 25 Jarvis St., Toronto |

MANITOBA -

| | |
|-----------------------|----------------------------------|
| Old Sol Mfg. Co. Ltd. | 805 Erin St., Winnipeg |
| Reuter Products Ltd. | 594 Desmeurons St., St. Boniface |

ALBERTA -

| | |
|----------------------|----------------------------|
| Magic Chemical Works | 9545 Jasper Ave., Edmonton |
|----------------------|----------------------------|

BRITISH COLUMBIA -

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