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ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY, 1940

In 1940 a total of 110 factories in Canada made soaps, washing compounds or cleaning preparations as their main products. Production from these works was valued at \$20,855,880, or 3.5 per cent more than the output of \$20,145,072 from the same number of establishments in this category in 1939. Employees numbered 2,649 compared with 2,406 in 1939, salaries and wages amounted to \$5,585,884 against \$5,142,213, and capital employed totalled \$16,293,861 as against \$14,891,150 in the previous year.

Forty-two of the plants were engaged primarily in the manufacture of soaps, 19 being in Ontario, 11 in Quebec, 4 in Alberta, 4 in Manitoba, 5 in British Columbia, and 1 in New Brunswick. These establishments reported 2,237 workers with production valued at \$18,866,565.

Thirty-six establishments made washing compounds as their main product, 17 being located in Quebec, 14 in Ontario, 5 in British Columbia, 1 in Alberta and 1 in Manitoba. Their output was valued at \$745,452 and employees numbered 205 compared with production at \$665,159 and employees at 196 for the 38 plants reporting in this division for 1939. Javelle water and sodium hypochlorite were the chief products.

Thirty-two establishments made cleaning preparations as their main products in 1940. Sixteen plants were located in Ontario, 12 in Quebec, 2 in Manitoba and 2 in British Columbia. Production amounted to \$1,245,863 and the number of employees was 207, while the corresponding data for 1939 showed 50 plants employing 202 people and output valued at \$1,256,580. The main products were cleaning powders, hand cleaner and drain pipe cleaner.

Tables 1 to 13, 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 14 has been added to show the total Canadian production. This table shows that the output for Canada during 1940 included the following: 13,746 tons of toilet soaps valued at \$4,443,158; 34,278 tons of bar laundry and household soaps at \$3,207,412; 23,496 tons of soap chips and flakes at \$3,479,881; 23,880 tons of soap powders at \$3,894,718; 2,197 tons of textile and mill soaps at \$308,218; 1,587 tons of castile soap at \$233,669; 406 tons of shaving soaps and creams at \$785,743; 669 tons of liquid soaps at \$90,953; 1,736 tons of soft soaps at \$236,057; 6,761 tons of cleaning and scouring powders, etc., at \$906,150; javelle water and sodium hypochlorite valued at \$653,268.

Imports of soap into Canada during the calendar year 1940 were valued at \$396,286. This total included 959 tons of laundry soap at \$134,100; 41 tons of castile soap at \$6,911; 198 tons of soap powders at \$33,433; 81 tons of liquid soaps at \$17,421 and toilet soaps at \$165,411.

Exports of soaps were appraised at \$265,115 in 1940 compared with \$643,857 in 1939. The principal export during the year was 777 tons of toilet soaps valued at \$227,466.

Table 1 - PRINCIPAL STATISTICS OF THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY, 1930-1940

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
1930	68	18,340,715	1,648	2,400,116	285,779	9,996,759	18,167,858
1931	69	15,322,398	1,699	2,487,257	325,915	7,990,246	17,047,452
1932	85	13,801,620	1,777	2,426,190	293,743	6,478,658	14,739,158
1933	93	13,139,674	1,776	2,302,315	294,883	6,494,999	14,265,234
1934	101	12,500,929	1,818	2,301,727	346,066	7,182,860	15,614,464
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	374,196	9,224,150	18,211,985
1939	110	14,891,150	2,406	3,142,213	376,984	9,171,373	20,145,072
1940	110	16,293,861	2,649	3,585,884	451,887	10,081,240	20,855,880
% Change 1940 from 1939 ..	...	+ 9.4	+10.1	+14.1	+ 14.6	+ 9.9	+ 3.5

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), 1939 and 1940

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>1939</u>							
Soaps	42	13,126,278	2,008	2,677,355	350,870	8,511,910	18,223,333
Cleaning preparations	50	1,155,858	202	211,385	16,467	455,369	1,256,580
Washing compounds ...	38	609,014	196	253,473	9,647	204,094	665,159
TOTAL	110	14,891,150	2,406	3,142,213	376,984	9,171,373	20,145,072
<u>1940</u>							
Soaps	42	14,422,268	2,237	3,077,188	396,152	9,396,975	18,866,568
Cleaning preparations	52	1,227,711	207	221,677	22,584	466,274	1,245,863
Washing compounds ...	36	643,882	205	287,019	13,151	217,991	743,452
TOTAL	110	16,293,861	2,649	3,585,884	431,887	10,081,240	20,855,880

(x) Subdivision made on basis of principal products.

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1939 and 1940

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>1939</u>							
Quebec	38	1,698,345	367	447,660	32,584	678,801	1,926,720
Ontario	50	11,506,361	1,752	2,348,931	294,672	7,682,838	16,405,817
Manitoba	8	915,550	111	130,615	23,016	305,032	723,323
British Columbia ...	7	292,935	75	71,393	6,263	167,416	381,809
New Brunswick	1)						
Alberta	6)	477,959	101	143,614	20,449	337,286	707,403
CANADA	110	14,891,150	2,406	3,142,213	376,984	9,171,373	20,145,072
<u>1940</u>							
Quebec	40	1,778,265	375	482,337	36,271	699,423	1,942,139
Ontario	49	12,701,337	2,021	2,844,156	346,233	8,557,566	17,273,484
Manitoba	7	889,766	102	115,948	22,443	321,655	651,031
British Columbia ...	8	294,247	81	75,725	6,502	170,648	331,533
New Brunswick	1)						
Alberta	5)	630,246	70	67,718	20,438	331,948	657,693
CANADA	110	16,293,861	2,649	3,585,884	431,887	10,081,240	20,855,880

Table 4 - CAPITAL EMPLOYED, BY PROVINCES, 1939 and 1940

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
	\$	\$	\$	\$
<u>1939</u>				
Quebec	731,577	346,441	620,327	1,698,345
Ontario	5,579,508	3,464,119	2,462,734	11,506,361
Manitoba	679,838	201,385	34,327	915,550
British Columbia	145,224	100,278	47,433	292,935
Other provinces	211,140	240,259	26,560	477,959
CANADA	7,347,287	4,352,482	3,191,381	14,891,150
<u>1940</u>				
Quebec	736,841	334,979	706,445	1,778,265
Ontario	6,275,719	4,518,532	1,907,086	12,701,337
Manitoba	647,262	196,992	45,512	889,766
British Columbia	141,314	104,728	48,205	294,247
Other provinces	215,684	386,259	28,303	630,246
CANADA	8,016,820	5,541,490	2,735,551	16,293,861

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1939 and 1940

Province	Average Number of Employees				TOTAL	Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On Salaries		On Wages					
	Male	Female	Male	Female				
1939								
Quebec	105	26	195	41	367	262,485	185,175	447,660
Ontario	524	165	833	230	1,752	1,199,718	1,149,213	2,348,931
Manitoba	40	13	44	14	111	75,234	55,381	130,615
British Columbia ...	23	6	32	14	75	30,242	41,151	71,393
Other provinces	34	5	55	7	101	82,731	60,883	143,614
CANADA	726	215	1,159	306	2,406	1,650,410	1,491,803	3,142,213
1940								
Quebec	119	26	191	39	375	295,922	186,415	482,337
Ontario	635	233	897	256	2,021	1,543,501	1,300,655	2,844,156
Manitoba	38	12	42	10	102	61,188	54,760	115,948
British Columbia ...	17	7	41	16	81	28,721	47,004	75,725
Other provinces	9	3	51	7	70	12,385	55,333	67,718
CANADA	818	281	1,222	328	2,649	1,941,717	1,644,167	3,585,884

Table 6 - WAGE-EARNERS, BY MONTHS, 1939 and 1940 (On the last work day of each month)

Month	1939			1940		
	Male	Female	TOTAL	Male	Female	TOTAL
January	1,101	276	1,377	1,202	278	1,480
February	1,125	294	1,419	1,204	283	1,487
March	1,094	300	1,394	1,197	280	1,477
April	1,127	320	1,447	1,221	290	1,511
May	1,124	288	1,412	1,255	337	1,592
June	1,122	310	1,432	1,265	332	1,597
July	1,143	303	1,446	1,225	327	1,552
August	1,157	322	1,479	1,247	355	1,602
September	1,245	312	1,557	1,216	361	1,577
October	1,248	341	1,589	1,232	359	1,591
November	1,216	335	1,551	1,214	330	1,544
December	1,213	303	1,516	1,173	355	1,528
AVERAGE	1,159	306	1,465	1,222	328	1,550

Table 7 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1940 (In one week of month of highest employment—overtime not included)

Regular hours worked per week	Number of wage-earners	Per cent of total	Regular hours worked per week	Number of wage-earners	Per cent of total
30 hours or less	70	4.0	49 - 50 hours	77	4.4
31 - 43 hours	415	23.7	51 - 54 hours	201	11.4
44 hours	181	10.3	55 hours	24	1.4
45 - 47 hours	445	25.3	56 - 64 hours	141	8.0
48 hours	192	10.9	65 hours and over	11	0.6
			Total	1,757	100.0
			Total wages paid during week	\$56,618	

Table 8 - FUEL AND ELECTRICITY USED, 1939 and 1940

Kind	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian	short ton	3,857	23,995	4,420	29,249
Imported	short ton	40,511	223,282	44,518	256,022
Anthracite coal	short ton	504	4,798	332	3,121
Lignite coal	short ton	674	2,169	2,253	7,862
Coke	short ton	110	1,141	425	4,264
Gasoline	Imp.gal.	8,362	2,107	35,954	9,643
Kerosene	Imp.gal.	375	75	39	10
Fuel oil	Imp.gal.	183,139	10,985	188,794	10,699
Gas - Manufactured	M cu. ft.	1,509	1,539	1,849	1,652
Natural	M cu. ft.	2,588	819	5,392	1,864
Wood	cord	354	1,537	87	472
Other fuel	§	...	26,537	...	26,688
Electricity purchased	K.W.H.	8,008,455	78,000	8,239,442	80,341
TOTAL	§	...	576,984	...	431,887

Table 9 - POWER EQUIPMENT, 1939 and 1940, 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
<u>1 9 3 9</u>				
Steam engines and steam turbines	10	455	2	88
Gasoline engines	2	16	...	...
Total Primary	12	471	2	88
Electric motors operated by purchased power.	1,278	6,349	46	141
TOTAL	1,290	6,820	48	229
Stationary boilers	37	5,861	6	1,681
<u>1 9 4 0</u>				
Steam engines and steam turbines	11	467	2	88
Gasoline engines	2	16	...	...
Total Primary	13	483	2	88
Electric motors operated by purchased power.	1,336	6,348	73	411
TOTAL	1,349	6,831	75	499
Stationary boilers	38	7,281	7	1,981

Table 10 - MATERIALS USED IN MANUFACTURING, 1939 and 1940

Materials	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Cost at works	Quantity	Cost at works
Acid, cresylic	lb.	136,602	15,054	143,255	15,920
Acid, hydrochloric (muriatic)	lb.	283,998	7,632	274,280	14,031
Acid, stearic	lb.	257,127	19,577	355,379	51,297
Acid, sulphuric, 68° Be	lb.	104,748	2,380	193,805	2,428
Carbon tetrachloride	lb.	51,500	2,868	48,784	3,573
Chalk	lb.	104,540	598	412,868	5,550
Chloride of lime	lb.	1,273,910	28,586	1,381,656	36,014
Cocconut oil	lb.	29,221,262	1,203,552	31,271,829	1,354,837
Corn oil	lb.	9,251	425	18,700	1,395
Cottonseed oil	lb.	49,873	1,570	16,023	669
Essential oils	§	...	200,376	208,685	239,333
Ethyl alcohol	proof gal.	9,901	6,532	7,358	7,265
Feldspar	ton	1,146	12,413	1,085	11,427
Fish oils	lb.	5,915,439	195,821	4,827,189	177,391
Fats (cottonseed, olive, etc.)	lb.	11,847,309	443,142	8,860,573	352,840

Table 10 - MATERIALS USED IN MANUFACTURING, 1939 and 1940 (Concluded)

Materials	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Cost at works	Quantity	Cost at works
Fuller's earth	lb.	1,586,165	30,924	1,651,471	40,695
Glycerine, crude	lb.	760,182	64,918	1,032,055	111,946
Glycerine, refined	lb.	45,537	6,820	51,053	4,794
Hydrogen	cu.ft.	7,413,337	3,778	5,165,414	3,769
Liquid chlorine (99% pure)	lb.	949,263	45,212	882,271	41,101
Linseed oil	Imp.gal.	15,113	10,423	15,111	9,858
Olive oil	lb.	8,424	1,564	4,313	1,058
Palm oil and palm kernel oil	lb.	21,022,455	717,921	21,894,963	806,014
Peanut oil	lb.	543,977	24,942	933,583	47,155
Perfumes .....	\$	...	140,293	...	180,978
Potassium hydroxide (caustic potash) ..	lb.	423,593	26,050	417,079	23,713
Rosin	lb.	5,010,479	156,886	4,995,041	165,114
Seal oil	lb.	1,123,055	44,277	935,143	40,115
Silica sand	ton	5,654	86,596	4,673	81,894
Sodium carbonate (soda ash)	lb.	12,100,946	181,659	11,642,764	176,913
Sodium hydroxide (caustic soda)	lb.	20,894,098	590,141	21,077,535	591,491
Sodium chloride (common salt)	lb.	4,215,720	17,386	4,926,412	18,661
Sodium silicate (water glass) 40°	lb.	51,192,630	251,555	51,774,303	249,061
Soya bean oil	lb.	1,269,630	62,367	1,052,201	60,854
Talc	lb.	731,284	6,402	869,102	10,014
Trichlorethylene	lb.	11,727	979	9,000	925
Tallow, grease and other soap stocks ..	lb.	47,342,968	1,818,230	49,051,627	2,064,436
Trisodium phosphate	lb.	4,706,620	254,038	3,416,150	169,555
Whale oil	lb.	1,094,828	48,845	669,290	27,370
All other materials .....	\$	...	397,370	...	552,098
Containers, etc. ....	\$	...	2,043,271	...	2,347,927
TOTAL .....	\$	...	9,171,373	...	10,081,240

Table 11 - MATERIALS USED IN MANUFACTURING, BY PROVINCES, 1940

Materials	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Cost at works	Quantity	Cost at works	Quantity	Cost at works
Acid, cresylic	lb.	5,315	477	134,116	15,086	3,824	357
Acid, hydrochloric (muriatic) ..	lb.	...	...	157,720	10,121	116,560	3,910
Acid, stearic	lb.	34,706	3,171	320,673	28,126	...	...
Acid, sulphuric 66° Be	lb.	2,538	67	175,925	1,871	15,342	486
Carbon tetrachloride	lb.	312	55	48,172	3,523	...	...
Chalk	lb.	140	7	401,559	5,378	11,169	165
Chloride of lime	lb.	1,097,196	28,631	255,700	6,190	28,760	1,193
Cocoonut oil	lb.	998,224	49,071	28,020,232	1,208,750	2,253,323	97,016
Corn oil	lb.	...	...	18,700	1,395	...	...
Cottonseed oil	lb.	746	106	2,527	180	12,750	383
Essential oils	\$	20,476	25,224	176,987	206,413	11,222	7,696
Ethyl alcohol	proof gal.	3,522	1,781	3,811	5,442	25	42
Feldspar	ton	1,055	11,037	30	390	...	...
Fish oils	lb.	...	...	4,827,189	177,391	...	...
Foots (cottonseed, olive, etc.) ..	lb.	200,000	5,000	8,569,019	346,403	91,554	1,437
Fuller's earth	lb.	...	...	1,499,703	38,179	151,768	2,516
Glycerine, crude	lb.	15,956	2,428	1,016,099	109,518	...	...
Glycerine, refined	lb.	40	10	30,581	4,701	432	83
Hydrogen	cu.ft.	...	...	5,165,414	3,769	...	...
Liquid chlorine	lb.	381,750	17,820	450,460	15,909	50,061	7,372
Linseed oil	Imp. Gal.	8,478	5,654	2,503	2,364	2,130	1,818
Olive oil	lb.	932	231	3,381	807	...	...
Palm oil and palm kernel oil ...	lb.	931,760	29,389	19,753,810	730,199	1,209,393	45,926
Peanut oil	lb.	...	...	834,257	42,199	99,326	4,956
Perfumes .....	\$	...	5,138	...	173,322	...	2,518

Table 11 - MATERIALS USED IN MANUFACTURING, BY PROVINCES, 1940 - (Concluded)

Materials	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Cost at works	Quantity	Cost at works	Quantity	Cost at works
Potassium hydroxide (caustic potash)	lb.	128,645	7,364	244,559	12,490	43,875	3,859
Rosin	lb.	475,480	15,562	3,474,598	110,874	1,044,963	38,678
Seal oil	lb.	...	...	985,143	40,115	...	...
Silica sand	ton	1,418	12,883	3,082	63,233	373	5,778
Sodium carbonate (soda ash) ...	lb.	1,437,300	25,078	9,250,567	133,510	954,897	18,325
Sodium hydroxide (caustic soda)	lb.	1,805,350	56,597	16,784,832	455,060	2,487,353	79,834
Sodium chloride (common salt)..	lb.	204,680	1,324	4,390,647	14,803	331,085	2,534
Sodium silicate (water glass)..	lb.	1,840,196	20,672	27,278,949	180,148	2,655,158	48,241
Soya bean oil	lb.	51,443	3,470	871,602	50,664	123,156	6,720
Talc	lb.	199,390	1,812	669,512	8,196	200	6
Trichlorethylene	lb.	600	85	8,400	840	...	...
Tallow, grease and other soap stock	lb.	2,085,194	111,500	39,068,531	1,687,114	7,897,902	265,822
Trisodium phosphate	lb.	423,426	15,839	2,986,618	153,232	6,106	284
Whale oil	lb.	...	...	657,680	27,132	11,610	238
All other materials .....	\$	...	65,413	...	469,160	...	17,525
Containers, etc. ....	\$	...	176,027	...	2,013,369	...	158,531
TOTAL .....	\$	...	699,423	...	8,557,566	...	824,251

Table 12 - PRODUCTS MADE, 1939 and 1940

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 14)

Products	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Selling value at works	Quantity	Selling value at works
Hard Soaps -					
Bar laundry and household soaps -					
(a) Yellow	lb.	37,595,394	1,974,730	38,631,874	1,874,446
(b) White	lb.	30,281,558	1,374,217	29,925,573	1,332,966
Soap chips and flakes -					
(a) In household packages	lb.	20,716,812	2,033,318	25,616,662	2,358,083
(b) In bulk (except textile and mill)..	lb.	25,083,854	1,274,226	21,233,929	1,106,338
Textile and mill soaps, all forms	lb.	3,372,595	215,826	2,601,082	190,189
Toilet soaps	lb.	28,441,123	4,098,380	24,306,473	3,862,896
Polishing and scouring soaps	lb.	456,689	37,409	255,388	93,574
Castile soaps -					
(a) Boiled	lb.	778,201	74,464	833,998	67,403
(b) Cold process	lb.	2,515,133	196,433	2,340,059	166,266
Soap powders -					
In household packages	lb.	40,656,941	3,384,168	43,615,426	3,686,598
In bulk	lb.	3,973,783	207,191	4,144,252	208,130
Shaving soaps -					
(a) Creams	lb.	475,871	468,500	388,645	429,139
(b) All others	lb.	453,739	188,052	241,614	153,317
All other hard soaps	lb.	352,535	19,407	308,328	18,827
Liquid soaps	lb.	1,311,098	101,090	952,348	70,742
Soft soaps	lb.	1,577,541	83,892	2,024,653	163,419
Cleaning Preparations -					
Ammonia powder	lb.	3,619,726	132,376	3,098,559	111,492
Ammonia water	lb.	33,000	2,280	38,646	3,771
Chloride of lime	lb.	183,600	11,005	648,296	44,109
Hand cleaner	lb.	716,181	76,551	544,146	72,278
Sal soda	lb.	2,148,658	36,888	2,296,299	37,552
Javelle water and sodium hypochlorite ..	\$	...	575,032	...	653,268
Lye	lb.	830,776	94,197	763,263	90,458

Table 12 - PRODUCTS MADE, 1939 and 1940 - (Concluded)

Products	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Selling value at works	Quantity	Selling value at works
<u>Cleaning Preparations (Concluded) -</u>					
Other washing compounds	lb.	1,478,636	110,445	...	101,396
Cleaning or scouring powders, pastes and cakes	lb.	15,000,124	926,340	13,504,346	893,607
Drain pipe cleaner, toilet flush, etc.	lb.	1,455,235	99,501	1,513,744	103,100
Other cleaning preparations	lb.	735,348	72,238	...	67,592
Glycerine, crude, sold as such (xx)	lb.	1,765,374	126,583	1,936,925	154,248
Glycerine, refined	lb.	9,309,747	901,057	10,025,250	1,255,741
Laundry blue	⊥	...	9,304	...	5,322
Toilet preparations	⊥	...	830,347	...	1,024,039
All other products (x)	⊥	...	409,665	...	454,994
TOTAL	⊥	...	20,145,072	...	20,855,880

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

(xx) Most of the crude glycerine was sold to refiners in this industry and therefore appears again in the figures for refined glycerine.

Table 13 - PRODUCTS MADE, BY PROVINCES, 1940

Products	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Selling value at works	Quantity	Selling value at works	Quantity	Selling value at works
<u>Hard Soaps -</u>							
Bar laundry and household soaps -							
(a) Yellow	lb.	4,803,284	213,594	23,184,831	1,074,220	10,643,759	586,632
(b) White	lb.	168,050	10,481	24,071,587	994,821	5,685,936	327,664
Soap chips and flakes -							
In household packages	lb.	1,519,500	75,832	23,552,849	2,227,789	544,313	54,462
In bulk	lb.	203,693	9,177	18,282,226	915,032	2,748,010	182,129
Textile and mill soaps, all forms							
lb.	100,000	4,600	2,501,082	185,589	...	...
Toilet soaps	lb.	1,764,800	207,258	22,059,641	3,588,677	482,032	66,961
Polishing and scouring soaps..	lb.	147,720	12,372	107,668	81,202	...	...
<u>Castile soaps -</u>							
(a) Boiled	lb.	...	...	760,715	59,447	73,283	7,956
(b) Cold process	lb.	202,200	17,088	1,865,045	122,716	272,814	26,462
<u>Soap powders -</u>							
In household packages	lb.	132,280	12,161	42,944,651	3,636,534	538,495	37,903
In bulk	lb.	562,059	32,748	3,099,704	145,982	482,489	29,390
<u>Shaving soaps -</u>							
(a) Creams	lb.	97,536	95,461	291,109	333,768	...	...
(b) All others	lb.	105,145	64,269	135,587	89,416	882	132
All other hard soaps	lb.	77,538	6,203	218,760	11,386	12,030	1,238
Liquid soaps	lb.	417,210	43,152	320,381	18,648	214,757	8,942
Soft soaps	lb.	461,767	21,841	1,191,560	119,207	371,326	22,371
<u>Cleaning Preparations -</u>							
Ammonia powder	lb.	208,300	6,897	2,763,550	98,155	126,709	6,440
Ammonia water	lb.	230	286	8,730	641	29,686	2,844
Hand cleaner	lb.	690,755	70,992	163,061	16,143	12,266	1,596
Javelle water and sodium hypochlorite	⊥	...	386,026	...	230,438	...	36,804
Other washing compounds	⊥	...	31,571	...	58,956	...	10,869
Cleaning or scouring powders, pastes and cakes	lb.	5,778,604	421,776	7,436,397	442,428	789,345	29,413
Drain pipe cleaner, toilet flush, etc.	lb.	385,364	17,093	1,128,380	85,957	...	50
Other cleaning preparations, including lye, etc.	⊥	...	52,954	...	100,704	...	69,600

Table 13 - PRODUCTS MADE, BY PROVINCES, 1940 - (Concluded)

Products	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$	Quantity	Selling value at works \$
Glycerine, crude, sold as such	lb.	...	...	830,814	62,876	1,106,111	91,372
Glycerine, refined	lb.	...	...	10,025,250	1,255,741	...	...
Laundry blue	£	...	4,644	2,640	666	...	12
Toilet preparations	£	...	86,721	...	964,293	...	...
All other products	£	...	36,952	...	352,052	...	39,015
TOTAL	£	...	1,942,139	...	17,273,484	...	1,640,257

Table 14 - TOTAL PRODUCTION IN CANADA OF SOAPS, WASHING COMPOUNDS, CLEANING PREPARATIONS, ETC., 1939 and 1940

NOTE: The figures represent the total Canadian production of the commodities listed, regardless of the industries in which produced. Data for 1940 are subject to slight revision on further examination of the individual reports.

Item	1 9 3 9		1 9 4 0	
	Quantity Pounds	Selling value at works \$	Quantity Pounds	Selling value at works \$
Hard Soaps -				
Bar laundry and household soaps -				
(a) Yellow	37,595,394	1,974,730	38,631,874	1,874,446
(b) White	30,281,558	1,374,217	29,925,573	1,332,966
Soap chips and flakes -				
(a) In household packages	20,716,812	2,033,318	25,616,662	2,358,083
(b) In bulk (except textile and mill)	25,144,954	1,280,241	21,376,566	1,121,798
Textile and mill soaps (including soap chips and flakes) (x)	4,113,292	280,725	4,393,140	308,218
Toilet soaps	29,888,770	4,438,840	27,492,407	4,443,158
Polishing and scouring soaps	456,689	37,409	255,388	93,574
Castile soaps -				
(a) Boiled	778,201	74,464	833,998	67,403
(b) Cold process	2,515,133	196,433	2,340,059	166,266
Soap powders -				
(a) In household packages	40,656,941	3,384,168	43,615,426	3,686,598
(b) In bulk	3,973,783	207,191	4,144,252	208,120
Shaving soaps -				
(a) Creams	620,837	571,186	540,226	557,432
(b) All other	481,150	247,739	271,623	228,311
All other hard soap	569,535	40,687	540,823	53,527
Liquid soaps	2,131,786	132,709	1,338,858	90,953
Soft soaps	1,740,268	93,199	3,471,095	236,057
Ammonia powder	3,619,726	132,376	3,098,559	113,684
Javalle water and sodium hypochlorite .....	...	575,032	...	653,268
Other washing compounds .....	...	180,177	...	150,824
Hand cleaner	876,094	91,533	755,944	88,452
Cleaning or scouring powders, pastes and cakes	15,000,124	926,340	13,522,346	906,150
Drain pipe cleaner, toilet flush, etc.	1,474,855	101,640	1,522,698	104,760
Other cleaning preparations .....	...	113,695	...	142,752
Salt soda	2,148,652	36,888	2,296,299	37,552
Chloride of lime	183,600	11,005	326,360	27,656
Lye	2,163,009	270,038	1,969,999	248,133
Glycerine, crude (xx)	1,765,374	126,583	2,042,587	163,775
Glycerine, refined	9,309,747	901,057	10,025,250	1,255,741

(x) Includes some liquid and soft soaps.

(xx) Most of the crude glycerine production was sold to refiners in this industry and appears again in the figures for refined glycerine.

Table 15 - IMPORTS OF SOAP INTO CANADA, 1939 and 1940

Commodity	Country of origin	1 9 3 9		1 9 4 0	
		Pounds	\$	Pounds	\$
Castile soap	TOTAL IMPORTS	829,466	39,389	81,189	6,911
	United Kingdom	55,096	2,968	28,093	2,273
	United States	18,373	2,847	15,483	3,147
	France	726,805	32,204	26,480	1,074
Common or laundry soap	TOTAL IMPORTS	4,318,289	282,281	1,917,833	134,100
	United Kingdom	331,592	24,131	253,232	19,672
	United States	3,966,133	256,700	1,664,601	114,428
	France	3,932	206	...	...
Harness soap	TOTAL IMPORTS	2,765	954	4,565	723
	United Kingdom	2,765	954	...	...
	United States	...	...	...	...
Liquid soap	TOTAL IMPORTS	152,459	15,812	162,226	17,421
	United Kingdom	18,686	1,768	...	...
	United States	133,444	13,962	156,969	17,000
Soap powders and powdered soap	TOTAL IMPORTS	666,459	42,185	395,855	53,433
	United Kingdom	7,500	440	...	...
	United States	658,319	41,684	395,687	53,411
Toilet soap, n.o.p.	TOTAL IMPORTS	...	137,292	...	165,411
	United Kingdom	...	75,507	...	87,191
	United States	...	47,427	...	70,212
	France .....	...	8,279	...	7,106
Whale oil soap	TOTAL IMPORTS	46,159	2,850	24,392	1,018
	United Kingdom	8,845	349	...	...
	United States	37,314	2,502	...	...
Soap, n.o.p., including pumice, silver and mineral soaps, sapolio and like articles	TOTAL IMPORTS	...	45,137	...	37,269
	United Kingdom	...	12,508	...	4,876
	United States	...	31,496	...	31,752
TOTAL SOAP	TOTAL IMPORTS	...	565,900	...	396,286
	United Kingdom	...	118,624	...	...
	United States	...	396,618	...	...

Table 16 - EXPORTS OF SOAP FROM CANADA, 1939 and 1940

Commodity	Country of destination	1 9 3 9		1 9 4 0	
		Pounds	\$	Pounds	\$
Toilet soap	TOTAL EXPORTS	7,877,842	620,135	1,554,258	227,466
	United Kingdom	6,993,707	502,965	1,805	108
	United States	826	123	...	...
	Ceylon	82,272	15,915	24,813	4,462
	British Guiana	42,686	5,944	27,825	4,591
	Barbados	46,820	7,410	30,756	5,374
	Jamaica	128,071	15,344	233,355	20,018
	Trinidad and Tobago	78,378	14,539	221,227	36,678
	Other British West Indies ...	50,804	8,803	62,177	10,398
	Newfoundland	55,582	10,319	64,608	11,615
	Netherlands	142,743	11,411	...	...
	New Zealand	174,686	14,237	15,300	2,253
Southern Rhodesia	48,016	4,930	33,000	2,777	
Soap, n.o.p.	TOTAL EXPORTS	237,029	23,722	725,874	37,649
	United Kingdom	60,458	8,379	465,914	21,761
	United States	5,249	621	...	...
	Trinidad and Tobago	61,650	3,438	95,832	5,936
	Australia	32,489	6,278	474	135

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS INDUSTRY, 1940Name of FirmLocation of Plant(a) SOAPSNEW BRUNSWICK -

St. Croix Soap Mfg. Co., The

Water St., St. Stephen

QUEBEC -

Best Kosher Products, The
 Canadian Soap and Chemical Co.
 Darling & Brady Limited
 Maheux, Alphonse, Enrg.
 Rowe, Robert, Company
 Savon Majestic, Ltée
 Savonnerie Bourbeau, Enrg., La
 Savonnerie La Salle Ltée, La
 Sowards Soap Company
 Williams, J. B., Co. (Canada) Ltd., The
 Wood, G. H., & Company Limited

267 Laurier Ave. W., Montreal
 1361 Notre Dame St. E., Montreal
 1971 Richardson St., Montreal
 478 St. Vallier St., Quebec
 1977 Grand Trunk St., Montreal
 1853 Moreau St., Montreal
 675 Chemin Ste. Foy, Quebec
 260 .. 2nd Ave., Ville St. Pierre
 Ville St. Pierre (Lachine)
 9471 La Salle Blvd., Ville la Salle
 440 St. Peter St., Montreal

ONTARIO -

Canada Packers Limited
 Catcraig Soap & Alkali Co.
 Colgate-Palmolive-Peet Company Limited
 Diamond Cleanser & Soaps Limited
 Elliott, J. & R.
 Fairbanks Soap Co. Ltd.
 Hubbard Soaps
 Huntington Laboratories of Canada, Ltd.
 Jardine, Samuel
 Leeds Soaps Limited
 Lever Brothers Limited
 London Soap Co. Ltd., The
 Malone Oil Company Ltd.
 Procter & Gamble Co. of Canada, Ltd., The
 Riddell Soap Company
 Scholler Brothers, Limited
 Soaps-Perfumes Ltd.
 Wonderful Soap Company, Ltd.
 Wood, G. H., & Company, Limited
 Windsor Soap Co.

521 Front St. E., Toronto
 17 Dalhousie St., Toronto
 64 Natalie St., Toronto
 1180 King St. W., Toronto
 Water St. S., Galt
 353 Eastern Ave., Toronto
 674 Parliament St., Toronto
 72 Duchess St., Toronto
 357 Eastern Ave., Toronto
 201 Weston Rd. S., Toronto
 299 Eastern Ave., Toronto
 197 Ottawa Ave., London
 95 E. Don Roadway, Toronto
 Burlington St. E., Hamilton
 57 Rutherford Ave., Toronto
 Welland Ave. and Vine St., St. Catharines
 84 Front St. E., Toronto
 16 Waterloo St., Guelph
 323 Keele St., Toronto
 365 Assumption St., Windsor

MANITOBA -

Beaver Soaps Ltd.
 Northern Soap Company Ltd., The
 Royal Crown Soaps Limited, The
 Swano Soap Co.

1377 Winnipeg Ave., Winnipeg
 394 Gertrude Ave., Winnipeg
 289 King St., Winnipeg
 349 Archibald St., St. Boniface

ALBERTA -

Acme Soap Works
 Berry's Soap Granules
 Royal Crown Soaps Limited, The
 Soapone Products Limited

57th St. and 127th Ave., North Edmonton
 9840 .. 61st Avenue, Edmonton
 11th St., East Calgary
 12803 .. 64th St., Edmonton

BRITISH COLUMBIA -

Royal Crown Soaps - Vancouver Division
 Superior Soaps & Sundries
 Western Soap Company

308 Georgia St. E., Vancouver
 520 Nelson St., Vancouver
 1624 Franklin St., Vancouver

DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS INDUSTRY, 1940
(Continued)

Name of FirmLocation of Plant(b) WASHING COMPOUNDSQUEBEC -

Abbana Industries Ltd.	1415 St. Mark St., Montreal
American Javel Water	1877 Favard St., Montreal
Chanteclerc, Ltée	202 St. Valier St., Quebec
Dalglish & Company	6501 Durocher St., Montreal
Demontigny & Ponlot	39 .. 7th St., Quebec
Dianne & Frere	1746 Baptist, Three Rivers
Eau de Javelle Excelsior	130 $\frac{1}{2}$ Cremazie St., Quebec
Eau de Javelle Nationale Enrg.	1589 Labrecque St., Montreal
Eau Javelle Huot	5450 .. 15th Ave., Rosemont, Montreal
Frenière, J. A.	51 Bagot St., Quebec
Fyon & Fyon, Limited	5357 Papineau Ave., Montreal
Lavo Javel Water Company Limited	4413 Marquette St., Montreal
Mirak Corporation Reg'd.	35 Second St., Quebec
O-Bel-O Javelle Enrg.	7383 De Laroche St., Montreal
Robillard, J. J., & Cie	4522 Fabre St., Montreal
Rubin, Wm.	4343 St. Urbain St., Montreal
Tellier, James, Limited	421 St. Dizier St., Montreal

ONTARIO -

Atlas Chemical Co.	75 Logan Ave., Toronto
Beecroft Mfg. Co.	567 Oakwood Ave., Toronto
Blue White Products Co.	788 Giles Blvd. E., Windsor
Copeman, F.	662 Highbury Ave., London
Dalglish & Company	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 Manufacturing Co.	836 Pape Ave., Toronto
Millbank Chemical Co., The	385 Salter Ave., Windsor
Murray Javel Water	121 Pine Laron Ave., London
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 Co.	662 Pacific Ave., Winnipeg
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ALBERTA -

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

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

(c) CLEANING PREPARATIONSQUEBEC -

Bon Ami, Limited	13719 Notre Dame St. E., Montreal
Canadian Permag Products Ltd.	735 Ottawa St., Montreal
Chadwick & Company	408-10 St. Francois Xavier St., Montreal
Douglas Chemical Co.	506 Harbour St., Montreal
Glyco Co. of Canada	1371 Notre Dame St. W., Montreal
Hart Products Reg'd.	647 Vitre St. W., Montreal



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DIRECTORY OF FIRMS INCLUDED IN THE SOAPS, CLEANING PREPARATIONS AND WASHING COMPOUNDS INDUSTRY, 1940
(Concluded)Name of FirmLocation of Plant(c) CLEANING PREPARATIONS - (Concluded)QUEBEC (Concluded) -

Lalonde, Frank P., Limited, The	366 Inspector St., Montreal
Bokeach, I., & Sons of Canada, Limited	6259 Notre Dame St. E., Montreal
Scientific Mfg. Co.	6918 Querbes St., Montreal
Snap Company, Limited	2715 Reading St., Montreal
Texavon Chemical Company, Ltd.	1209 Craig St. E., Montreal
United Chemical Company Limited	3830 St. Ambroise St., Montreal

ONTARIO -

Alpha Chemical Company, The	Station Place, Kitchener
Anderton, J. J.	558 Carlaw Ave., Toronto
Bates Products Limited	1264 Queen St. W., Toronto
Canadian Sanitary Supplies Ltd.	9 Kenilworth Ave., Hamilton
Chamberlain Desolve Company Limited	522 Hamilton Rd., London
Cudahy Packing Co., The	64 MacAulay Ave., Toronto
Duncan Products	367 Sorcauren Ave., Toronto
Eze Manufacturing Co. Ltd.	253 Huron St., Toronto
Fibre Soap Company	17 Dalhousie St., Toronto
Lavoline Cleanser Co. Limited	77 York St., Toronto
Nelson Chemical Co.	1426 Windsor Ave., Windsor
Nymoc Products Company	68 Lombard St., Toronto
Plunkett Chemical Co. (Canada) Ltd.	66 King St. E., Hamilton
Sapoline Company	1096 Gogean St., Windsor
Swift Canadian Co. Limited	Keele St. and St. Clair Ave., Toronto
Whipzit Manufacturing Company, The	35 Church St., Toronto

MANITOBA -

Cribb, W. D., & Co.	256 Osborne St., Winnipeg
Old Sol Manufacturing Co. Ltd.	803 Erin St., Winnipeg

BRITISH COLUMBIA -

Salmers Limited	1685 Venables St., Vancouver
Solve Products Limited	1458 East Broadway, Vancouver