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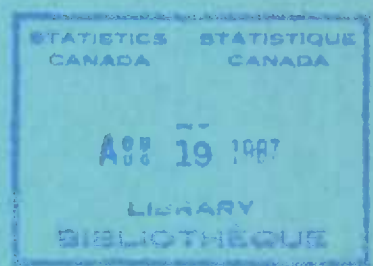
CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

+++ *Census of Industry* +++

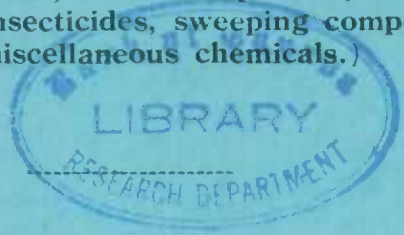
MINING, METALLURGICAL & CHEMICAL STATISTICS



THE
MISCELLANEOUS CHEMICAL PRODUCTS
INDUSTRY
IN
CANADA
1946



(Including plastics, boiler compounds, matches,
disinfectants, insecticides, sweeping compounds,
and miscellaneous chemicals.)



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Annual Industry Report

Chemicals and Allied Products Group

THE MISCELLANEOUS CHEMICAL PRODUCTS INDUSTRY, 1946

This industry covers the operations of a considerable number of concerns which make chemical products but which, because of the diversified nature of their output, cannot be classified to any of the other main chemical groups.

In 1946 there were 262 establishments in this category located by provinces as follows: 148 in Ontario; 76 in Quebec; 8 in Manitoba; 5 in Saskatchewan; 5 in Alberta; 16 in British Columbia; and 4 in Nova Scotia.

Production from plants in this group increased continuously during the principal war years due to expansion in the manufacture of explosives, ammunition and military pyrotechnics. In 1945, however, the output value dropped 59 per cent to \$177,661,647 and in 1946 there was a further decline of 66 per cent to \$59,418,200.

For the purpose of this review, plants reporting in this industry were arranged in 7 sub-groups, in accordance with the nature of their main products. A brief review of each of these sub-groups is given below and the principal statistics for each are shown in Table 2. Separate figures on materials and products are given in Tables 8 and 9.

Plastics Products - Seventy-eight plants in Canada classified to this group were engaged chiefly in the production of plastics and plastics products in 1946. Production reported by this group was valued at \$21,240,140, an increase of 36 per cent over the total for 1945. Forty-seven of these plants were located in Ontario and 23 in Quebec. These concerns gave employment to an average of 3,219 people who were paid \$4,964,045 in salaries and wages. Materials used in manufacturing process cost \$8,465,878 and expenditures for fuel and electricity amounted to \$317,770. Production of primary synthetic resins from all industries was valued at \$5,500,000 in 1946.

Boiler Compounds - In 1946 a total of 12 plants made boiler compounds as their main product, including 6 in Ontario, 3 in Quebec, 1 in Nova Scotia and 2 in British Columbia. Their output of boiler compounds was valued at \$813,916 and of other products at \$90,847 a total of \$904,763. Ninety-seven people were given employment. The total output of boiler compounds in Canada, including some from other industries, totalled \$868,502 in 1946 as against \$823,292 in 1945.

Sweeping Compounds - Production of sweeping compounds by the 12 plants in this group in 1946 amounted in value to \$187,950 which with other products worth \$402,169 brought the total output to \$590,119. An average of 91 workers were employed. The production of sweeping compounds from all industries amounted to \$229,689 in 1946 and \$154,531 in 1945.

Insecticides - Twenty-five establishments made insecticides as their main products during 1946. Their gross output was worth \$3,736,455 including \$2,566,112 for insecticides and poisons and \$1,170,343 for miscellaneous products, such as anti-freeze, disinfectants, etc. Among the chief products were lead arsenate, calcium arsenate, gopher poison, lime-sulphur solution, Paris green, miscellaneous household insecticides and agricultural sprays. The output of insecticides from all industries was valued at \$2,887,588 in 1946 and \$2,919,000 in 1945.

Disinfectants - Twelve plants made disinfectants as their chief products in 1946, and their total output was valued at \$623,013 compared with \$582,859 in 1945. Output for the year 1946 included \$272,367 for disinfectants and deodorants and \$350,646 for other lines. The output of disinfectants and deodorants from all industries totalled \$1,459,864 in 1946 and \$953,701 in 1945.

Matches - Output of matches reported by the 9 firms in this group was valued at \$3,440,665 in 1946. Represented in this figure are 327 million books at \$862,480 and 716,521 cases at \$2,578,185. An average of 827 people were employed.

Miscellaneous Chemical Products - In 1946 a total of 114 plants reported in this group and the value of their production was \$28,883,045 compared with \$153,981,750 in the previous year. Employment was afforded to 2,889 people who received \$5,344,648 in salaries and wages.

Among the goods made in this group were sulphonated oils at \$802,631, automobile chemicals at \$1,211,209, packaged dyes at \$451,601, textile and leather finishes at \$453,239, weed killer at \$219,809 and soap, washing compounds, food colours, explosives, ammunition, fireworks, dry colours and pigments, etc..

Data showing the total Canadian production of insecticides, disinfectants, boiler compounds and sweeping compounds, etc., are shown in Table 10.

Table 1 - PRINCIPAL STATISTICS OF THE MISCELLANEOUS CHEMICAL INDUSTRY IN CANADA, 1936-1946

Year	Number of plants	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
			\$	\$	\$	\$
1936	125	3,524	4,012,636	379,424	7,505,877	18,556,386
1937	137	4,034	4,715,570	432,469	10,092,295	23,424,731
1938	143	4,073	5,026,018	452,710	9,239,464	23,361,669
1939	145	4,196	5,429,827	506,546	10,242,733	25,788,906
1940	140	7,111	8,496,297	846,700	16,415,637	37,450,041
1941	167	28,557	36,323,006	3,213,010	45,055,413	100,422,223
1942	194	64,900	88,185,249	4,604,986	120,541,882	251,665,872
1943	200	61,428	94,496,031	5,198,468	242,940,411	482,660,017
1944	228	50,437	82,008,829	4,942,592	227,608,024	431,494,036
1945	232	29,214	50,197,271	4,246,084	83,754,688	177,661,547
1946	262	7,548	12,239,470	1,027,733	26,310,557	59,418,200

Table 2 - PRINCIPAL STATISTICS BY SUB-GROUPS, 1945 and 1946

Sub-groups	Number of plants	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>1 9 4 5</u>						
Plastics products ..	46	2,434	3,669,394	241,005	5,921,068	15,604,352
Boiler compounds ...	10	78	128,046	5,554	361,256	924,169
Matches	7	685	779,432	66,856	1,565,889	3,050,771
Sweeping compounds .	14	75	112,353	4,742	233,577	490,978
Insecticides	25	309	433,921	47,459	1,916,003	3,026,668
Disinfectants	16	120	231,079	5,771	164,370	582,859
Miscellaneous	114	25,513	44,843,046	3,874,697	73,592,525	153,981,750
TOTAL	232	29,214	50,197,271	4,246,084	83,754,688	177,661,547
<u>1 9 4 6</u>						
Plastics products ..	78	3,219	4,964,045	317,770	8,465,878	21,240,140
Boiler compounds ...	12	97	169,907	4,846	305,874	904,763
Matches	9	827	927,641	72,964	1,802,711	3,440,665
Sweeping compounds .	12	91	148,443	2,134	296,915	590,119
Insecticides	25	327	503,015	43,844	1,677,031	3,736,455
Disinfectants	12	98	181,771	5,874	176,266	623,013
Miscellaneous	114	2,889	5,344,648	580,301	13,585,882	28,883,045
TOTAL	262	7,548	12,239,470	1,027,733	26,310,557	59,418,200

Table 3 - PRINCIPAL STATISTICS BY PROVINCES - 1945 and 1946

Province	Number of plants	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>1945</u>						
Nova Scotia	4)	14	22,564	2,239	51,916	110,672
New Brunswick	1)					
Quebec	76	19,105	33,331,370	2,641,375	37,866,981	98,958,463
Ontario	127	8,558	13,743,360	1,061,287	41,366,218	69,969,765
Manitoba	7	1,284	2,632,729	502,201	3,653,992	6,925,406
Saskatchewan	4	53	61,575	2,263	122,085	260,869
Alberta	4	19	29,147	310	41,359	74,339
British Columbia ...	9	181	376,526	36,409	652,137	1,362,033
CANADA	232	29,214	50,197,271	4,246,084	83,754,688	177,661,547

1946

Nova Scotia	4	17	36,232	2,395	79,605	157,114
Quebec	76	3,477	5,562,126	530,986	10,510,472	25,135,535
Ontario	148	3,681	6,041,518	442,616	14,273,614	31,223,811
Manitoba	8	80	123,750	6,715	439,403	745,060
Saskatchewan	5	35	51,418	4,962	87,468	246,655
Alberta	5	16	20,797	350	70,539	107,705
British Columbia ...	16	242	403,629	39,709	849,456	1,802,320
CANADA	262	7,548	12,239,470	1,027,733	26,310,557	59,418,200

Table 4 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1945 and 1946

Province	Average Number of Employees				TOTAL	Salaries	Wages	TOTAL SALARIES and WAGES
	On Salaries		On Wages					
	Male	Female	Male	Female				
<u>1945</u>								
Quebec	1,213	782	11,502	5,608	19,105	4,496,271	28,835,099	33,331,370
Ontario	1,021	533	3,574	3,430	8,558	3,720,436	10,022,924	13,743,360
Manitoba	111	53	903	217	1,284	387,399	2,245,330	2,632,729
Saskatchewan ...	7	3	11	32	53	18,831	42,744	61,575
Alberta	10	3	6	...	19	21,360	7,787	29,147
British Columbia	39	19	108	15	181	155,891	220,635	376,526
Other provinces.	6	...	6	2	14	15,032	7,532	22,564
CANADA	2,407	1,393	16,110	9,304	29,214	8,815,220	41,382,051	50,197,271

1946

Quebec	401	159	1,989	928	3,477	1,307,871	4,254,255	5,562,126
Ontario	534	301	1,783	1,063	3,681	1,969,909	4,071,609	6,041,518
Manitoba	17	5	53	5	80	47,089	76,661	123,750
Saskatchewan ...	7	3	9	16	35	18,421	32,997	51,418
Alberta	10	1	5	...	16	15,377	5,420	20,797
British Columbia	43	11	170	18	242	95,645	307,984	403,629
Other provinces.	7	...	9	1	17	21,278	14,954	36,232
CANADA	1,019	480	4,018	2,031	7,548	3,475,590	8,763,880	12,239,470

Table 5 - WAGE-EARNERS, BY MONTHS, 1945 and 1946 (On the last work day of each month)

Month	1 9 4 5			1 9 4 6		
	Male	Female	TOTAL	Male	Female	TOTAL
January	25,550	17,293	42,843	3,554	2,002	5,556
February	25,497	16,998	42,495	3,678	2,052	5,730
March	25,288	16,883	42,171	3,820	2,082	5,902
April	24,329	15,974	40,303	3,903	2,033	5,936
May	21,780	12,907	34,687	4,026	2,020	6,046
June	17,284	8,502	25,786	4,176	2,055	6,231
July	14,331	6,387	20,718	4,245	2,034	6,279
August	11,172	4,741	15,913	4,190	1,989	6,179
September	8,511	3,679	12,190	4,101	1,958	6,059
October	7,374	3,091	10,465	4,081	2,032	6,113
November	6,179	2,693	8,872	4,202	2,102	6,304
December	5,902	2,451	8,353	4,193	2,044	6,237
AVERAGE	16,110	9,304	25,414	4,018	2,031	6,049

Table 6 - FUEL AND ELECTRICITY USED, 1945 and 1946

Kind	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian	ton	66,485	533,224	13,349	124,292
Imported	ton	228,245	2,100,624	28,385	263,951
Anthracite coal	ton	1,879	21,639	1,975	21,305
Lignite coal	ton	367	1,664	409	1,872
Coke	ton	924	12,800	1,055	14,448
Gasoline	Imp.gal.	530,064	117,441	95,667	30,984
Kerosene	Imp.gal.	89,344	8,081	15,958	3,591
Fuel oil	Imp.gal.	5,099,262	334,073	1,424,129	93,982
Wood	cord	609	3,858	798	4,975
Gas - Manufactured	M cu.ft.	59,451	49,565	10,399	9,242
Natural	M cu.ft.	11,395	11,410	6,920	5,424
Other fuel .....	...	...	33,423	...	37,907
Electricity purchased	K.W.H.	217,432,251	1,018,282	128,091,823	415,760
TOTAL .....	...	...	4,246,084	...	1,027,733
Electricity generated for own use	K.W.H.	6,795,123	...	141,223	...

Table 7 - POWER EQUIPMENT, 1945 and 1946

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
	1 9 4 5			
Steam engines and steam turbines	74	11,750	18	5,366
Diesel engines	2	193	2	1,000
Gasoline, gas and oil engines	27	964	13	292
Hydraulic turbines or water wheels ..	5	102	...	...
Electric motors operated by purchased power	19,687	97,116	703	3,471
TOTAL	19,795	110,125	736	10,129
Electric motors operated by above primary units	1,255	10,501	...	...
Motor-generator sets	39	1,498	4	48
Stationary power boilers	96	26,861	19	4,825

Table 7 - POWER EQUIPMENT, 1945 and 1946 (Concluded)

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
	1	9	4	6
Steam engines and steam turbines	28	1,505	10	2,810
Diesel engines	1	80	...	...
Gasoline, gas and oil engines	11	112	...	...
Hydraulic turbines or water wheels ..	1	100	...	...
Electric motors operated by purchased power	4,586	20,734	311	2,058
TOTAL	4,627	22,531	321	4,868
Electric motors operated by above primary units	155	501	...	...
Motor-generator sets	23	347	2	128
Stationary power boilers	48	5,227	15	3,100

Table 8 - MATERIALS USED IN MANUFACTURING, 1945 and 1946

Materials	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Cost at works	Quantity	Cost at works
<u>Plastics Group -</u>					
(a) <u>Synthetic Resins and Plastics-</u> (Including moulding powders, liquids, and other forms)					
<u>Thermosetting Plastics:-</u>					
Phenol formaldehyde	lb.	1,381,310	294,598	1,301,475	357,160
Urea formaldehyde	lb.	177,268	199,158	319,207	133,279
Melamine formaldehyde	lb.	58,752	31,576	105,514	51,756
Phenol furfural	lb.	342	319	...	...
Other	lb.	427,660	286,120	...	16,656
<u>Thermo Plastics:-</u>					
Cellulose acetate	lb.	2,240,650	1,044,805	2,255,111	1,061,283
Cellulose nitrate (celluloid) ..	lb.	61,759	74,456	56,083	53,445
Other (Pyralin, etc.)	lb.	59,969	53,910	60,390	45,456
Cellulose acetate butyrate	lb.	41,546	22,954	180,722	151,655
Acrylics	lb.	49,688	69,076	277,317	238,208
Styrenes	lb.	313,443	131,962	1,554,552	524,586
Vinyls	lb.	399,913	215,665	1,185,068	643,244
Nylon	lb.	29,311	47,669	124,468	184,484
Other	lb.	...	47,187	...	142,745
(b) <u>Other Materials-</u>					
Casein	lb.	120,117	27,627	164,000	42,166
Ethyl acetate	lb.	156,372	15,236	193,876	18,697
Ethyl alcohol	proof gal.	27,805	20,139	21,153	18,189
Formaldehyde	lb.	1,526,186	45,908	2,922,326	94,304
Glycerine	lb.	1,186,135	181,639	1,194,695	182,662
Phenol	lb.	1,237,244	149,466	2,704,986	266,096
Sodium hydroxide	lb.	3,756,037	85,201	4,090,275	92,543
Plasticizers	lb.	537,480	138,088	784,117	315,524
All other materials .....	...	...	2,464,659	...	3,553,691
Shipping containers and packing materials .....	...	...	273,650	...	278,049
TOTAL .....	...	...	5,921,068	...	8,465,878

Table 8 - MATERIALS USED IN MANUFACTURING, 1945 and 1946 (Continued)

Materials	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Boiler Compounds Group -					
Sodium carbonate (soda ash)	lb.	3,228,135	64,189	3,517,322	57,543
Sodium hydroxide (caustic soda)..	lb.	252,285	15,639	310,049	13,892
Sodium phosphate - Disodium	lb.	414,617	20,119	510,767	21,275
Trisodium	lb.	266,463	15,255	310,830	13,331
Tetrasodium ..	lb.	229,431	18,846	201,981	16,460
Sodium silicate	lb.	202,892	4,881	219,594	5,408
Containers, boxes, etc., .....	...	...	26,771	...	28,726
All other materials .....	...	...	195,556	...	149,239
TOTAL .....	...	...	361,256	...	305,874
Sweeping Compounds Group -					
Oils - coconut	lb.	54,632	5,270	50,098	5,333
essential .....	...	...	1,377	...	1,247
mineral	Imp. gal.	26,625	6,424	33,957	10,911
other .....	...	...	21,382	...	25,588
Paradichlorobenzene	lb.	11,601	2,730	5,250	989
Sodium phosphate - Trisodium	lb.	37,956	1,732	46,600	2,445
Waxes	lb.	27,942	8,663	...	42,976
Containers, boxes, etc., .....	...	...	18,170	...	89,205
All other materials .....	...	...	167,829	...	118,221
TOTAL .....	...	...	233,577	...	296,915
Matches Group -					
Glue	lb.	428,324	108,961	427,684	109,416
Paraffin wax	lb.	1,283,007	88,476	1,449,623	99,199
Phosphorous, amorphous	lb.	13,690	6,824	12,107	6,387
Phosphorous, sesquisulphide	lb.	106,836	52,308	111,795	50,807
Potassium chlorate	lb.	1,358,854	138,135	1,271,439	129,428
Sulphur	lb.	177,554	4,745	166,630	4,284
Silica or ground quartz	lb.	768,879	5,898	712,448	5,064
Zinc oxide	lb.	70,295	6,087	79,404	6,789
Lumber	M bd. ft.	1,029	66,323	4,757	356,474
Wood blocks	M bd. ft.	3,983	424,247	1,289	127,942
Wood splints	million splints	377,346	104,850	...	14,745
Paper board	lb.	5,966,614	270,604	7,262,978	316,259
Containers, boxes, etc., .....	...	...	107,233	...	120,669
All other materials .....	...	...	181,198	...	322,248
TOTAL .....	...	...	1,565,889	...	1,802,711
Insecticides Group -					
Acetic acid (99½%)	lb.	119,407	10,233	25,407	2,609
Arsenic, white (As ₂ O ₃)	lb.	150,391	12,541	55,808	3,078
Arsenic acid (As ₂ O ₅)	lb.	5,667,053	245,752	3,932,741	142,239
Calcium arsenate	lb.	611,046	40,116	754,341	48,383
Copper sulphate	lb.	316,746	23,127	342,516	26,906
DDT	lb.	...	...	52,886	26,935
Insect powder	lb.	25,485	2,002	87,945	23,399
Insect flowers	lb.	200	76	4,900	1,745
Lead arsenate	lb.	176,761	17,884	168,882	14,332
Lethane	Imp. gal.	3,354	16,777	1,079	5,313
Litharge	lb.	3,040,743	194,224	2,430,431	155,241
Lime, quick	tons	3,480	37,607	1,601	17,869

Table 8 - MATERIALS USED IN MANUFACTURING, 1945 and 1946 (Continued)

Materials	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Insecticides Group - (Continued)					
Oils - Essential .....	...	...	1,990	...	1,901
Other .....	...	...	50,130	...	63,043
Paradichlorobenzene	lb.	22,701	3,748	39,000	5,782
Pyrethrum - Powder	lb.	16,262	4,590	66,932	26,012
Extract	lb.	...	...	9,670	5,669
Sodium carbonate (soda ash)	lb.	18,021	625	71,177	1,439
Sodium fluoride	lb.	68,605	7,740	5,442	695
Sodium hydroxide (caustic soda) ..	lb.	59,582	2,292	71,730	3,086
Sodium phosphate - Trisodium	lb.	31,981	1,563	16,800	939
Strychnine	lb.	5,604	34,304	4,726	45,898
Sulphur	lb.	2,486,966	43,973	2,593,057	40,101
Containers, boxes, etc., .....	...	...	185,179	...	208,737
All other materials .....	...	...	959,530	...	806,980
TOTAL .....	...	...	1,916,003	...	1,677,031
Disinfectants Group -					
Cresol	lb.	...	1,324	...	...
Insect powders	lb.	4,410	2,426	7,215	3,697
Lethane	Imp.gal.	312	1,481	282	1,248
Oils - Essential .....	...	...	1,062	...	930
Castor	lb.	23,186	4,276	18,738	3,516
Cocoanut	lb.	139,771	13,255	130,871	12,148
Creosote	lb.	51,954	3,430	104	12
Linseed	Imp.gal.	12,309	9,879	10,804	10,255
Mineral	Imp.gal.	38,454	6,011	34,709	4,728
Other .....	...	...	21,669	...	32,795
Paradichlorobenzene	lb.	40,718	5,380	52,218	7,354
Potassium hydroxide	lb.	50,118	4,449	48,912	4,230
Sodium fluoride	lb.	16,600	1,911	12,375	1,445
Sodium phosphate - Trisodium	lb.	60,275	2,626	63,500	2,885
Tetrasodium ..	lb.	13,100	1,217	6,900	601
Solvents (Benzol, naphtha, etc.) ..	Imp.gal.	6,544	1,355	1,456	384
Containers, boxes, etc., .....	...	...	9,963	...	16,309
All other materials .....	...	...	72,656	...	73,729
TOTAL .....	...	...	164,370	...	176,266
Miscellaneous Group -					
Acetic acid (99½%)	lb.	418,849	33,189	666,831	54,993
Acetic anhydride	lb.	7,767,889	662,300	...	...
Acetone	lb.	4,285,943	491,690	173,060	18,031
Alcohol, ethyl	proof gal.	1,300,525	719,241	85,920	90,719
Aluminum, rod and strip	lb.	136,693	31,262	46,706	14,846
Ammonium chloride	lb.	205,762	10,478	222,728	11,231
Ammonium nitrate	lb.	12,834,601	373,423	8,542,639	243,059
Ammonia anhydrous	lb.	30,233,669	847,714	4,260,122	153,734
Butyl cellusolve	lb.	98,770	24,002	14,045	2,991
Calcium chloride	lb.	1,274,695	19,128	1,423,817	25,590
Carbon tetrachloride .....	...	...	31,517	...	26,049
Copper ingots	lb.	2,993,282	359,196	...	...
Copper strip and wire and cupra nickel strip	lb.	223,000	61,000	...	...
Dyes, for packaging and blending.	...	...	111,388	...	217,535
Ethyl acetate	lb.	92,448	10,912	155,235	17,081
Ethylene glycol	lb.	1,902,179	210,829	2,176,665	213,075

Table 8 - MATERIALS USED IN MANUFACTURING, 1945 and 1946 (Concluded)

Materials	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
<u>Miscellaneous Group - (Concluded)</u>					
Glycerine	lb.	5,568,756	994,464	2,462,479	594,765
Grease	lb.	4,644,129	414,621	4,913,073	448,810
Gums and natural resins .....	...	...	575,478	...	127,572
Gunpowder	lb.	2,675,006	739,634	627,361	243,574
Insect flowers	lb.	182,689	10,432	...	...
Isobutanol	lb.	310,592	42,986	434,155	56,440
Lead, pig	lb.	21,894,952	1,071,775	23,929,586	1,199,210
Litharge	lb.	409,523	32,651	785,962	57,007
Nitric acid	lb.	16,616,884	337,274	12,263,382	308,320
Nitrocotton	lb.	134,753	50,660	151,450	59,322
Oils - Animal and fish n.e.s. ...	lb.	1,045,046	78,824	1,454,722	120,897
Castor	lb.	4,899,366	840,456	4,072,331	736,607
Cocconut	lb.	265,846	22,933	343,446	38,509
Cod	lb.	1,150,245	116,019	963,074	161,284
Essential .....	...	...	39,493	...	21,641
Lard	lb.	349,710	54,605	126,917	23,680
Neat's foot	lb.	415,410	68,276	586,746	107,073
Linseed, raw	Imp.gal.	794,445	650,074	598,612	617,586
Linseed, boiled or processed	Imp.gal.	4,005	4,402	1,881	2,295
Vegetable	lb.	...	...	...	...
Mineral	lb.	4,048,470	94,915	488,002	107,665
Sperm	lb.	1,062,771	132,670	335,514	47,840
Other .....	...	...	259,444	...	247,869
Oleic acid	lb.	329,675	55,321	397,854	67,279
Paradichlorobenzene	lb.	33,432	5,376	6,200	1,291
Phosphoric acid	lb.	888,842	70,207	294,450	28,028
Potassium chlorate	lb.	27,309	4,544	26,169	3,446
Potassium hydroxide	lb.	256,318	12,666	243,867	12,039
Potassium nitrate	lb.	1,166,276	95,125	453,083	35,648
Sodium carbonate	lb.	4,328,659	67,845	3,152,150	52,142
Sodium chlorate	lb.	1,614,108	105,959	2,062,627	138,098
Sodium fluoride	lb.	365,062	35,991	271,717	32,552
Sodium hydroxide (caustic soda) .	lb.	2,087,446	54,398	1,343,443	35,077
Sodium nitrate	lb.	18,415,582	450,932	22,133,266	443,434
Sodium silicate	lb.	86,982	1,818	132,777	2,924
Solvents (Benzol, naphtha, gaso- line, etc.)	Imp.gal.	...	39,232	1,173,314	72,594
Shot and bullets	lb.	...	2,832,652	...	182,138
Stearic acid	lb.	324,036	49,536	334,657	46,416
Sulphur	lb.	3,721,588	61,790	3,995,706	66,087
Sulphuric acid 66° Bé	lb.	120,319,622	845,388	27,539,397	276,543
Synthetic resins	lb.	201,120	17,321	390,064	44,742
Wax of all kinds	lb.	2,414,014	360,311	2,035,459	166,942
Yarns, jute and cotton and cotton linters .....	...	...	290,589	...	260,290
Zinc spelter	lb.	1,009,540	58,357	...	...
Containers, boxes, etc. ....	...	...	2,385,900	...	896,393
All other materials .....	...	...	55,061,912	...	4,303,879
TOTAL .....	...	...	73,592,525	...	13,585,882
GRAND TOTAL .....	...	...	83,754,688	...	26,310,557

Table 9 - PRODUCTS MADE IN THE MISCELLANEOUS CHEMICAL PRODUCTS GROUP - 1945 and 1946

Products	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Selling value at works	Quantity	Selling value at works
<u>Plastics Group -</u>					
<u>Secondary plastics:-</u>					
Aircraft parts .....	...	...	968,680	...	460,379
Combs .....	...	...	1,195,731	...	1,705,739
Dresserware .....	...	...	347,999	...	520,873
Jewellery .....	...	...	289,841	...	160,536
Other plastics products (x) .....	...	...	11,852,318	...	17,311,977
Miscellaneous products (not plastic) .....	...	...	949,783	...	1,080,636
TOTAL .....	...	...	15,604,352	...	21,240,140
<u>Boiler Compounds Group -</u>					
Boiler compounds .....	...	...	752,888	...	813,916
All other products .....	...	...	171,281	...	90,847
TOTAL .....	...	...	924,169	...	904,763
<u>Sweeping Compounds Group -</u>					
Sweeping compounds .....	...	...	131,427	...	187,950
All other products .....	...	...	359,551	...	402,169
TOTAL .....	...	...	490,978	...	590,119
<u>Matches Group -</u>					
Matches - in books	No. of books	295,051,085	758,991	326,735,450	862,480
other	No. of cases	666,041	2,291,780	716,521	2,578,185
TOTAL .....	...	...	3,050,771	...	3,440,665
<u>Insecticides Group -</u>					
Calcium arsenate, lead arsenate, sodium arsenate and Paris green. ....	...	...	708,585	...	570,840
Lime - sulphur solution	Imp. gal.	554,498	83,307	529,722	80,665
Rat poison	lb.	28,263	35,911	100,013	32,946
Gopher poison	lb.	181,027	120,705	280,843	95,286
Insect powders .....	...	...	325,966	...	...
Other insecticides .....	...	...	179,673	...	1,844,768
Other products .....	...	...	1,572,521	...	1,111,950
TOTAL .....	...	...	3,026,668	...	3,736,455
<u>Disinfectants Group -</u>					
Disinfectants and deodorants .....	...	...	266,256	...	272,367
Insecticides .....	...	...	44,214	...	57,518
Other products .....	...	...	272,389	...	293,128
TOTAL .....	...	...	582,859	...	623,013
<u>Miscellaneous Group -</u>					
<u>Automobile chemicals:</u>					
Brake fluid	Imp. gal.	166,223	394,739	196,429	460,914
Radiator compounds .....	...	...	154,525	...	267,973
Other .....	...	...	356,483	...	482,322
<u>Cleaning preparations:</u>					
Drain pipe and toilet cleaners	lb.	572,171	77,838	443,899	57,934
Hand cleaner	lb.	96,000	9,411	121,661	13,079

Table 9 - PRODUCTS MADE IN THE MISCELLANEOUS CHEMICAL PRODUCTS GROUP - 1945 and 1946 (Concluded)

Products	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Miscellaneous Group - (Concluded)					
Cleaning preparations:					
Scouring pastes and powders.	lb.	395,476	30,467	705,278	94,453
Washing compounds .....	...	...	33,702	...	146,273
Other - household .....	...	...	8,397	...	25,622
industrial .....	...	...	89,158	...	189,090
Disinfectants and deodorants ....	...	...	10,018	...	9,976
Dyes, blended and packaged .....	...	...	341,251	...	451,601
Embalming fluid .....	...	...	158,034	...	131,816
Floor wax - liquid and paste ....	...	...	30,353	...	51,291
Food colours - butter, cheese, other .....	...	...	45,382	...	36,697
Insecticides .....	...	...	35,273	...	17,037
Oils, sulphonated:					
Castor	lb.	1,135,295	147,419	1,448,488	217,260
Cocoanut	lb.	80,363	10,491	135,352	18,564
Cod	lb.	1,957,522	192,237	2,053,335	213,376
Neat's foot	lb.	311,939	45,861	420,048	63,683
Other, including special blends	lb.	2,563,277	310,789	2,737,083	289,748
Oils, except sulphonated .....	...	...	2,036,475	...	1,167,166
Rust preventatives .....	...	...	188,556	...	46,647
Soaps - liquid - toilet	lb.	90,104	7,866	64,719	7,472
other	lb.	662,503	59,523	1,331,817	135,178
soft	lb.	226,569	22,547	197,305	19,247
textile	lb.	439,524	44,183	695,507	68,331
Textile and leather finishes ....	...	...	331,525	...	453,239
Weed killer .....	...	...	179,121	...	219,809
Welding compounds and fluxes ....	...	...	26,354	...	43,646
Dry colours .....	...	...	933,811	...	1,054,631
All other products, including explosives .....	...	...	147,669,961	...	22,428,970
TOTAL .....	...	...	153,981,750	...	28,883,045
GRAND TOTAL .....	...	...	177,661,547	...	59,418,200

(x) Includes primary plastics made by firms classified to this industry; for total production of synthetic resins see Table 10.

Table 10 - TOTAL PRODUCTION IN CANADA OF CERTAIN MISCELLANEOUS CHEMICAL PRODUCTS, 1945 and 1946

NOTE: Figures in this table represent the total Canadian production regardless of the industries in which produced.

Products	1 9 4 5	1 9 4 6
	\$	\$
Disinfectants and deodorants	953,701	1,459,864
Insecticides and poisons of all kinds (x)	2,919,000	2,887,588
Dyes (blended)	341,251	451,601
Boiler compounds	823,292	868,502
Sweeping compounds	154,531	229,689
Matches	3,050,771	3,440,665
Weed killer	287,427	458,472
Synthetic resins	3,800,000	5,500,000

(x) Calcium arsenate, lead arsenate, lime-sulphur solution, Paris green, sodium arsenate, sodium arsenite and special poisons, sprays, powders, etc., are included in this classification.

DIRECTORY OF FIRMS INCLUDED IN THE MISCELLANEOUS CHEMICAL PRODUCTS INDUSTRY - 1946

Name of Firm	Location of Plant
<u>Plastics and Moulded Products Group</u>	
<u>Nova Scotia -</u>	
Plastics Maritime Limited	Beechville, N. S.
<u>Quebec -</u>	
Advance Plastics	401 St. Eloi St., Montreal
Bolta Plastics Ltd.	Vittie St., Granby
Canadian Industries Limited	Brownsburg
Canadian Industries Limited	Summit Ave., Shawinigan Falls
Canadian Plastics Limited	1850 St. Antoine St., Montreal
Canadian Resins & Chemical Limited	Transmission Ave., Shawinigan Falls
Compagnie Resiplast	1910 Iberville St., Montreal
Crystalite Products	99 Bernard St. W., Montreal
Die-Plast Company Limited	6540 Hutchison St., Outremont
Dominion Comb & Novelty Co., The	St. Louis St., Waywick
Excelsior Plastic Specialties	416 St. Gabriel St., Montreal
Exclusive Leather Products Reg'd.	1980 Ontario St. E., Montreal
Granby Mfg. Company Ltd.	81 Court St., Granby
Master Products Mfg. Co. Ltd.	190 Dufferin Square, Montreal
Migdal Plastic Products Reg'd.	1218A Notre Dame St. W., Montreal
Modern Molded Plastics Limited	327 St. James St., St. Johns
Novo Mfg. Co.	50 Rachel St. W., Montreal
Obrig Laboratories (Canada) Ltd.	2087 Aylmer St., Montreal
Placite Manufacturing Company	1901 Centre St., Montreal
Plastics Products Inc.	216½ Rear Richelieu, Quebec
Rainbow Plastics Ltd.	Champlain St., Gatineau Point
S. & V. Mfg. Co. Inc.	6390 St. Lawrence Blvd., Montreal
Terry Plastics Ltd.	1110 rear Blvd. Mercure, Drummondville
<u>Ontario -</u>	
Anglo Canadian Plastic Co.	42 Ossington Ave., Toronto
Austin, Carl, & Co. Ltd.	68 Church St. E., Weston
Barrett Bros. Plastics	2611 Kingston Rd., Scarboro Bluffs
Brent Laboratories Limited	6 Dundas St. W., Toronto
Burry, Arthur A.	57 Bloor St. W., Toronto
Canadian General Electric Co. Ltd.	Peterborough
Canadian General Electric Co. Ltd.	940 Lansdowne Ave., Toronto
Canadian Lapin Products Ltd.	587 Fleet St. W., Toronto
Carbide & Carbon Chemicals Ltd.	163 Dufferin St., Toronto
Cellulose Henry Davis Plastics Ltd.	17 Noble St., Toronto
Chamberlain Engineering (Canada) Ltd.	60 Hilton Ave., Eastview
Cluthe, Geo., Mfg. Co. Ltd.	100 Ahrens St. W., Kitchener
Collingwood Plastic Products	Collingwood
Cragg, Lorne R.	210 Wychwood Ave., Toronto
Diamond State Fibre Co. of Canada Ltd.	356 Eastern Ave., Toronto
Dulev Plastics Ltd.	35 Hanna Ave., Toronto
Duplicate Canada Limited	First Ave., Oshawa
French Ivory Products Limited, The	1475 Queen St. W., Toronto
General Plastics Ltd.	150 Wellington St., Toronto
Goodrich, B. F., Chemical Co.	251 King St. W., Kitchener
Harrison Plastics	330 King St. E., Hamilton
Hollywood Plastics	47½ Sussex St., Toronto
Johnston Industrial Plastics Ltd.	2 Northview Terrace, Toronto
King Plastic Industries	62 Wallace Ave., Toronto
Link Manufacturing Company Ltd.	Gananoque
London Wood & Plastics Ltd.	154 Albert St., London
Malton Modern Plastics	Burgess Corners

Directory of Firms Included in the Miscellaneous Chemical Products Industry - 1946 (Continued)

Name of Firm	Location of Plant
<u>Plastics and Moulded Products Group (Concluded)</u>	
<u>Ontario - (Concluded)</u>	
Maple Leaf Plastics Ltd.	709 Bloor St. W., Toronto
McGregor, James B.	225 Richmond St. W., Toronto
Micro Plastics Limited	Acton
National Fibre Company of Canada Ltd.	107 Atlantic Ave., Toronto
Plastonics Ltd.	201 Niagara St., Toronto
Plastwood Products Company	76 Ossington Ave., Toronto
Pyrallart Products Ltd.	260 Spadina Ave., Toronto
Reliable Plastics Co. Ltd.	258 Carlaw Ave., Toronto
Rideau Specialty Company	25 Main St., Smith's Falls
Robinson Industrial Crafts Ltd.	310 Wellington Rd. S., London
Stabilix Limited	Small Arms Building, Long Branch
Studio One Products	1211 Dundas St., London
Superior Plastics Fabricating Co.	1425 Yonge St., Toronto
Synthetic Resins Limited	Water St. S., Galt
Tek Plastics	1225 Lawrence Ave., Toronto
Walter, John, & Sons Ltd.	925 King St. E., Kitchener
Weatherbe Plastics	79 Salina St., St. Catharines
Wilcox Canadian Limited	297 Campbell Ave., Toronto
Windsor Plastics Company	654 Hall Ave., Windsor
York Plastic Industries	604 King St. W., Toronto
<u>Manitoba -</u>	
Pirt Plastics	205 Watt St., Winnipeg
Plaxlab Products Limited	312 Ross Ave., Winnipeg
<u>Saskatchewan -</u>	
DuVan Products	Ft. Qu'Appelle
<u>Alberta -</u>	
Taylor Bros. Custom Plastics	533 - 6th Ave. E., Calgary
<u>British Columbia -</u>	
Columbia Plastics	5990 E. Blvd., Vancouver
Granville Plastics & Specialties Co.	356 W. - 2nd Ave., Vancouver
Paragon Plastic Products Ltd.	1219 Wharf St., Victoria
<u>Boiler Compounds Group</u>	
<u>Nova Scotia -</u>	
The Nu-Mac Mfg. Company Ltd.	Jubilee Road, Bridgewater
<u>Quebec -</u>	
Filnite Company Reg'd.	3451 Colonial Ave., Montreal
Provincial Boiler Compound Mfg. Co.	3186 Verdun Ave., Verdun
Union Products	1150 Conway St., Montreal

Directory of Firms Included in the Miscellaneous Chemical Products Industry - 1946 (Continued)

Name of Firm

Location of Plant

Boiler Compounds Group (Concluded)Ontario -

Bird-Archer Company Ltd., The
 Combustion & Feed-Water Service Co.
 Dearborn Chemical Company Ltd.
 Garratt-Callahan Co. Ltd.
 Van Camp Products & Sales Co.
 Wilson, G., & Co.

Second St., Cobourg
 218 Front St. E., Toronto
 2454 Dundas St. W., Toronto
 rear of 717 Richmond St., London
 177 Parliament St., Toronto
 229 Erie Ave. B., Brantford

British Columbia -

Goddard & Co.
 Simpson, A., & Co.

100 Victoria Ave., Sidney
 7675 Heather St., Vancouver

Matches GroupQuebec -

Canada Match Co. Ltd.
 Commonwealth Match Co. Ltd.
 Eddy Match Co. Ltd.
 Federal Match Ltd.
 Premier Matches Ltd.

Tracy St., Hull
 201 St. Louis St., St. Johns
 Berthierville
 St. Redempteur & Montclair Blvd., Hull
 6687 Jeanne Mance St., Montreal

Ontario -

Book Match Mfgs. Ltd., The
 Eddy Match Co. Ltd.
 Strike-Rite Matches Ltd.

1244 Dufferin St., Toronto
 Water St., Pembroke
 424 Ridout St., London

British Columbia -

Western Match Co. Ltd.

Devonshire Rd., Victoria

Sweeping Compounds GroupNova Scotia -

Murdock, J. H. C., Agencies

5 Quinpool Road, Halifax

Quebec -

Sanitary Supply & Equipment Reg'd.

4275 Iberville, Montreal

Ontario -

Dustbane Mfg. Co. Ltd.
 Fairview Chemical Co.
 MacCallum Mfg. Company
 Soclean Limited
 Tennier Chemical & Sales Co.

Hurdman's Bridge
 360 Dufferin St., Toronto
 2 Primrose Ave., Toronto
 444 King St. W., Toronto
 124½ Jackson St. E., Hamilton

Manitoba -

Dustbane Western Limited
 Robinson & Webber Limited

349 Elgin St., Winnipeg
 104 Princess St., Winnipeg

Directory of Firms Included in the Miscellaneous Chemical Products Industry - 1946 (Continued)

Name of Firm	Location of Plant
<u>Sweeping Compounds Group (Concluded)</u>	
<u>Saskatchewan -</u>	
Hub City Mfg. Co.	468 - 1st Ave. N., Saskatoon
<u>Alberta -</u>	
Western Supply & Mfg. Co.	1822 - 10th Ave. W., Calgary
<u>British Columbia -</u>	
Dustbane Co. of B. C. Limited	722 Cambie St., Vancouver
<u>Disinfectants Group</u>	
<u>Quebec -</u>	
Consumers Can Company	632 Notre Dame St. W., Montreal
McLean Chemicals Limited	938 Victoria Square, Montreal
West Disinfecting Co. Ltd.	5621-27 Casgrain Ave., Montreal
<u>Ontario -</u>	
Associated Chemical Company of Canada Ltd.	14 Darrell Ave., Toronto
Beacon Chemicals of Canada Ltd.	1386 Bloor St. W., Toronto
Canadian Germicide Co. Ltd.	1 Howard Park Ave., Toronto
Canadian Hayner Co.	292 Harbord St., Toronto
Deodor-X Company of Canada Limited	521 King St. W., Toronto
Hunnisett, H. S., & Company	11 Jarvis St., Toronto
Irving S. Leeson	Mount Brydges
Nith Valley Laboratories Ltd.	New Hamburg
Polusterine Products of Canada Ltd.	168 Ontario St., Toronto
<u>Manitoba -</u>	
City Chemical & Products Co. Ltd.	233 Fort St., Winnipeg
<u>Insecticides Group</u>	
<u>Quebec -</u>	
Kennedy Mfg. Company, The	112 McGill St., Montreal
Mysto, Inc.	3128 Masson St., Montreal
Produits Marquette, Limitée, Les	21 Courcellette St., Quebec
Sherwin-Williams Co. of Canada Limited, The	1957 Hunter St., Montreal
<u>Ontario -</u>	
Bartlett, N.M., Spray Works, The	Beamsville
Berlou Co. (Canada) Ltd.	Wharncliffe Rd., London
Bikoe Manufacturing Co. Ltd.	259 Parliament St., Toronto
Canada Rex Spray Co. Ltd.	Ontario St., Brighton
Derpo Ltd.	5 Orpen Ave., Toronto
King Calcium Products	Campbellville

Directory of Firms Included in the Miscellaneous Chemical Products Industry - 1946 (Continued)

Name of Firm	Location of Plant
<u>Insecticides Group (Concluded)</u>	
<u>Ontario - (Concluded)</u>	
Linton, Lloyd, Limited	Oakville
Niagara Brand Spray Company Limited	Burlington
Ocean Chemicals Limited	259 Danforth Ave., Toronto
Rid Company	Wilson St., Ancaster
Shell Oil Company of Canada, Limited	Carlaw & Commissioner Sts., Toronto
Wilson Laboratories	73 King St. W., Hamilton
<u>Manitoba -</u>	
Charles Riess & Co.	372 Colony St., Winnipeg
<u>Saskatchewan -</u>	
Chemical Products Co. Limited	1326 Atkinson St., Regina
Erickson's Gopher Bait Co.	Fort Qu'Appelle
Fairview Chemical Company Limited	1355 St. John St., Regina
<u>Alberta -</u>	
Canada West Products Co.	1120 Westmount Blvd., Calgary
Dunlap Manufacturing Company Limited	Stettler
<u>British Columbia -</u>	
Nox-All Products Ltd.	2948 W. Broadway St., Vancouver
Oliver Chemical Co. Ltd.	Wade Ave., Penticton
Wenatchee Rex Spray Company	346 W. 5th Avenue, Vancouver
<u>Miscellaneous Chemicals Group</u>	
<u>Nova Scotia -</u>	
Marden-Wild of Canada Ltd.	Halifax
<u>Quebec -</u>	
Adams Chemical Company Limited	261 Queen St., Montreal
A. J. R. Chemical Co. Reg'd.	St. Hyacinthe
Aluminum Company of Canada, Limited	Arvida
Anachemia Ltd.	509 McGill St., Montreal
Anti-Hydro of Canada Ltd.	641 Farm St., Montreal
Aplus Products Company Limited	389 St. Paul St. W., Montreal
Associated Textiles of Canada Limited	Louiseville
Blachford, H. L., Limited	977 Aqueduct St., Montreal
Brown Corporation	La Tuque
Canadian Industries Limited	Brownsburg
Canadian Industries Limited	McMasterville
Canadian Safety Fuse Company Limited	Brownsburg
Carter White Lead Company of Canada Limited, The	1071 Delorimier Ave., Montreal
Chemicals Limited	384 St. Paul St. W., Montreal
Chipman Chemicals Ltd.	6508 Durocher Ave., Montreal
Clough Chemical Co. Ltd.	33 St. Mathieu St., St. Laurent
Dewey and Almy Chemical Company of Canada Ltd.	La Salle
Drew, E. F., & Co. Ltd.	261 Queen St., Montreal

Directory of Firms Included in the Miscellaneous Chemical Products Industry - 1946 (Continued)

Name of Firm

Location of Plant

Miscellaneous Chemicals Group (Continued)Quebec - (Concluded)

Dust-O-Dust & Beauty Reg.	7056 De la Roche, Montreal
Excel Fire Extinguisher Mfg. Co.	3714 Cape St. Michel Rd., Montreal
Holliday, L. B., & Co. of Canada Ltd.	127 St. Peter St., Montreal
Karch Special Chemical Co.	283 St. Zotique St. W., Montreal
Lea Products Company	261 Queen St., Montreal
McArthur, Irwin, Limited	15 and 35 Bates Road, Outremont
Montreal Fireworks Display Mfg. Co.	69 - 7th Ave., Ville St. Pierre
Osrose-Wood Preserving Co. of Canada Ltd.	1080 Pratt Ave., Montreal
Permanent Pad Crystal Enrg.	1604 Laurier St. E., Montreal
Prescott W. Robinson Sales Company Limited	50 Maple Blvd., Lachine
Preville & Preville	165 St. Marc St., Joliette
Produits Chimiques Empire, Les	1200 St. Vallier St., Quebec
Releasall Company, The	41 St. James St., Ville St. Pierre
Richards Chemical Works, Ltd., The	178 St. Peter St., St. Johns
Sherwin-Williams Company of Canada, Limited, The	2875 Centre St., Montreal
Texall Products Company	5092 Notre Dame St. W., Montreal
Texavon Chemical Co. Ltd.	85A Vitre St. W., Montreal
Turgeon Chemicals Limited	c/o Martineau Cut Stone Ltd., Rosemont, Montreal
Unica, La Compagnie	6715 de Chateaubriand Ave., Montreal

Ontario -

American Chemical Paint Company	Walkerville
Anti-Borax Compound Co., Ltd.	1244 McDougall St., Windsor
Art Chemical Products Ltd.	116 Richmond St. W., Toronto
Artist's Colour Co., Ltd.	Peterborough
Ault & Wiborg Co. of Canada Limited, The	134 Royce Ave., Toronto
Bellak Bros. Limited	1 Croft St., Toronto
Bowes Seal Fast Company Limited	103 John St. N., Hamilton
Budget Products	270 William St., London
Canadian Aniline & Extract Co. Limited	162 Ward Ave., Hamilton
Canadian F. B. Products	158 Marian St., Toronto
Canadian Industries Limited	Nobel
Canadian Pep Manufacturing Co. Ltd.	115 George St., Toronto
Canadian Shaler Products Company Limited, The	436 Wellington St. W., Toronto
Canicula Chemical Company	571 King St. W., Toronto
Castle Chemical Works Limited	165 Wickstead Ave., Leaside
Century Chemical Products Co. Ltd.	545 Yonge St., Toronto
Cert Seal Mfg. Co.	1260 Queen St. W., Toronto
Champion Company of Canada, Limited, The	856 Millwood Road, Leaside
Chemical Oil Processing Company	134 Royce Ave., Toronto
Church, Thompson & Company	112 York St., Hamilton
Compagnie Parento Ltd.	73 Adelaide St. W., Toronto
Delta Chemical Company	46 Elgin St., Brantford
Dodge Chemical Company (Canada) Limited, The	16 Front St. E., Toronto
Dominion Colour Corporation Limited	New Toronto & 8th St., New Toronto
Dominion Essential Oils Co.	Bancroft
Dye & Chemical Co. of Canada Ltd.	River and Orchard Sts., Kingston
Eaton-Clark Company	568 Chatham St. E., Windsor
Eckels, H. S., & Company (Canada) Limited	rear 19 McMurray Ave., Toronto
Embalmer's Supply Co. of Canada, Ltd., The	218 Front St. E., Toronto
Ensign Industries Limited	33 Carleton St., St. Catharines
French Dyestuffs Limited	129 Rebecca St., Hamilton
Grafene Laboratories	Owen Sound
Hand, T. W., Fireworks Company, Limited	1st Line, Cooksville
Hart Products Co. of Canada Limited	120 Victoria Road, Guelph
Hercules Powder Company (Canada) Ltd.	Freeman

Directory of Firms Included in the Miscellaneous Chemical Products Industry - 1946 (Concluded)

Name of Firm

Location of Plant

Miscellaneous Chemicals Group (Concluded)Ontario - (Concluded)

Hollingshead, R. M., Co. of Canada, Ltd., The	Bowmanville
Houghton, E. F., & Co. of Canada Limited	165 Dufferin St., Toronto
Johnson Richardson Limited	33 Church St., Toronto
Latimer Limited	90 Niagara St., Toronto
Lawrason, S. F., & Co., Limited	639 Nelson St., London
McCormack & Carroll	570 Queen St. E., Toronto
Maitland Furnace Supplies	Maitland
Mandaree Limited	40 Danforth Road, Toronto
Master Builders Company Limited, The	1107 Millwood Road, Leaside
National Specialty Company	424 Adelaide St. W., Toronto
Neilson Chemical Company of Canada	2682 Tecumseh Road E., Windsor
North American Dye Corporation Limited	340 Richmond St. W., Toronto
Northern Pigment Company, Limited	end of 22nd St., New Toronto
Novadel-Agene Limited	Garrison Road, Fort Erie
Pierce & Stevens Canada, Ltd.	Catherine St., Fort Erie
Pyrene Manufacturing Co. of Canada Ltd.	91 East Don Roadway, Toronto
Quaker City Chemical Co. of Canada Limited	Birmingham and Whitfield Ave., Hamilton
Radium Luminous Industries Ltd.	261 Davenport Road, Toronto
Radiator Specialty Co. of Canada Ltd.	520 King St. W., Toronto
Richardson Hansen Ltd.	St. Mary's
Rohm & Hass Company of Canada Limited	305 Terminal Warehouse Bldg., Toronto
Smith, Howard, Chemicals Ltd.	Hazel Ave., Cornwall
Smith, Werner G., Ltd.	200 Fairbanks Ave., Toronto
Standard Ultramarine Co. of Canada, Ltd.	132 St. Helen's Ave., Toronto
Techema Company, The	53 Baby Point Crescent, Toronto
Tri-Sentinel Co. Ltd.	2424 Yonge St., Toronto
Victory Chemical Laboratories	1345 Queen St. E., Toronto
Wagner Brake Company Ltd.	43 Edward St., Toronto
Wells & Richardson Co. Ltd.	1019 Elliot St. W., Windsor
Woburn Chemicals Ltd.	Beechwood Drive, Don Valley, Toronto
"X" Laboratories	360 Dufferin St., Toronto
Yocum Faust Limited	123 St. George St., London

Manitoba -

Canadian Industries Limited	East Selkirk
Chipman Chemicals Ltd.	1040 Lynn Ave., Winnipeg

Alberta -

Chipman Chemicals Ltd.	12th Avenue and 6th St. E., Calgary
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British Columbia -

Aquapel Cement Paint, Ltd.	453 Powell St., Vancouver
Canadian Industries Limited	James Island
Chipman Chemicals Limited	12th Avenue and Renfrew Street, Vancouver
Penguin Products Limited	4598 Main St., Vancouver
Products & Plastics, Ltd.	916 Hall Building, Vancouver
Royal Distributors	1400A Beach Ave., Vancouver

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