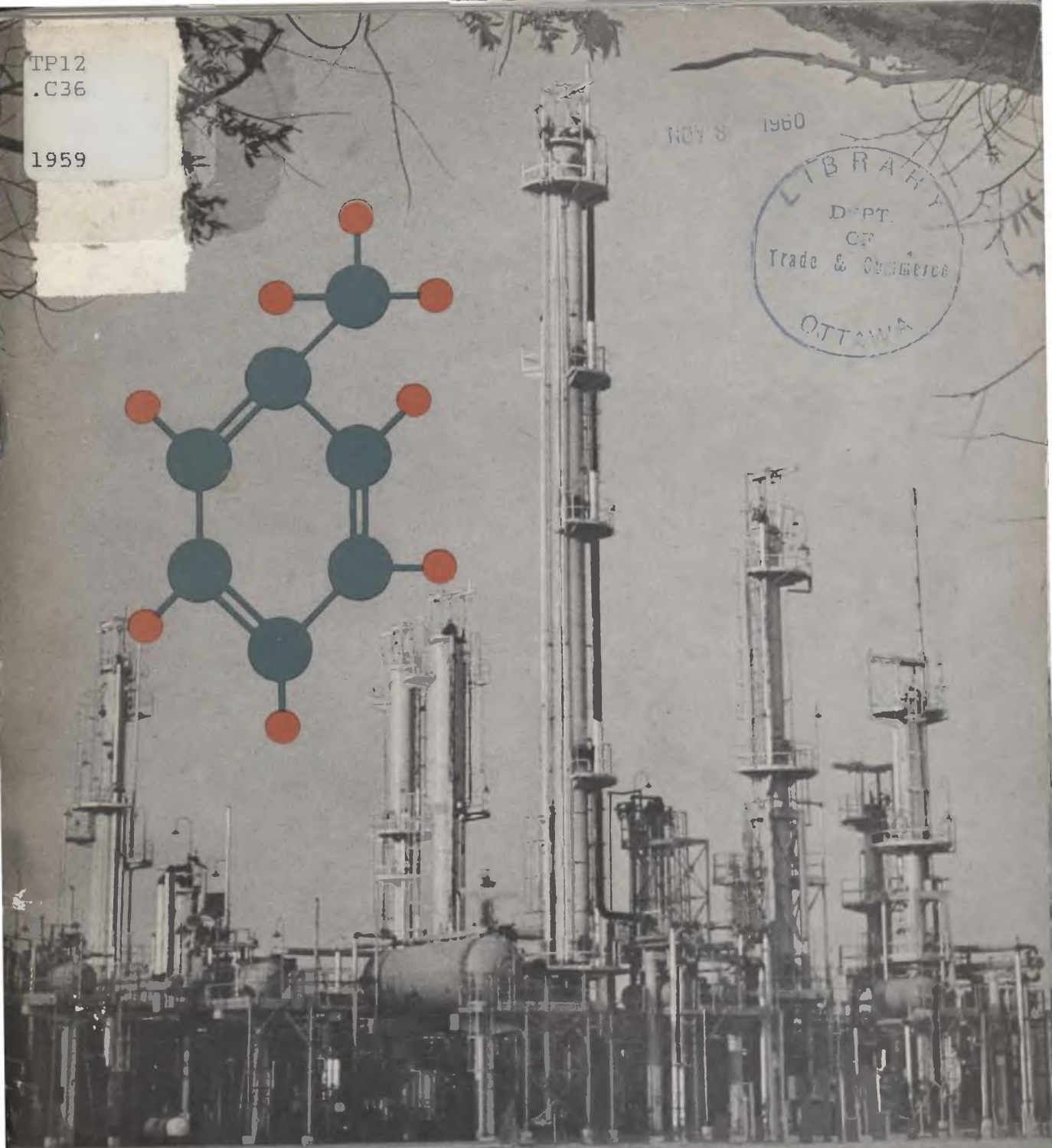
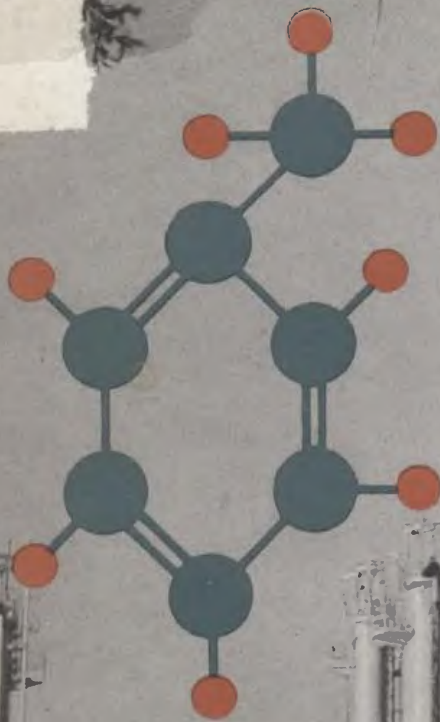


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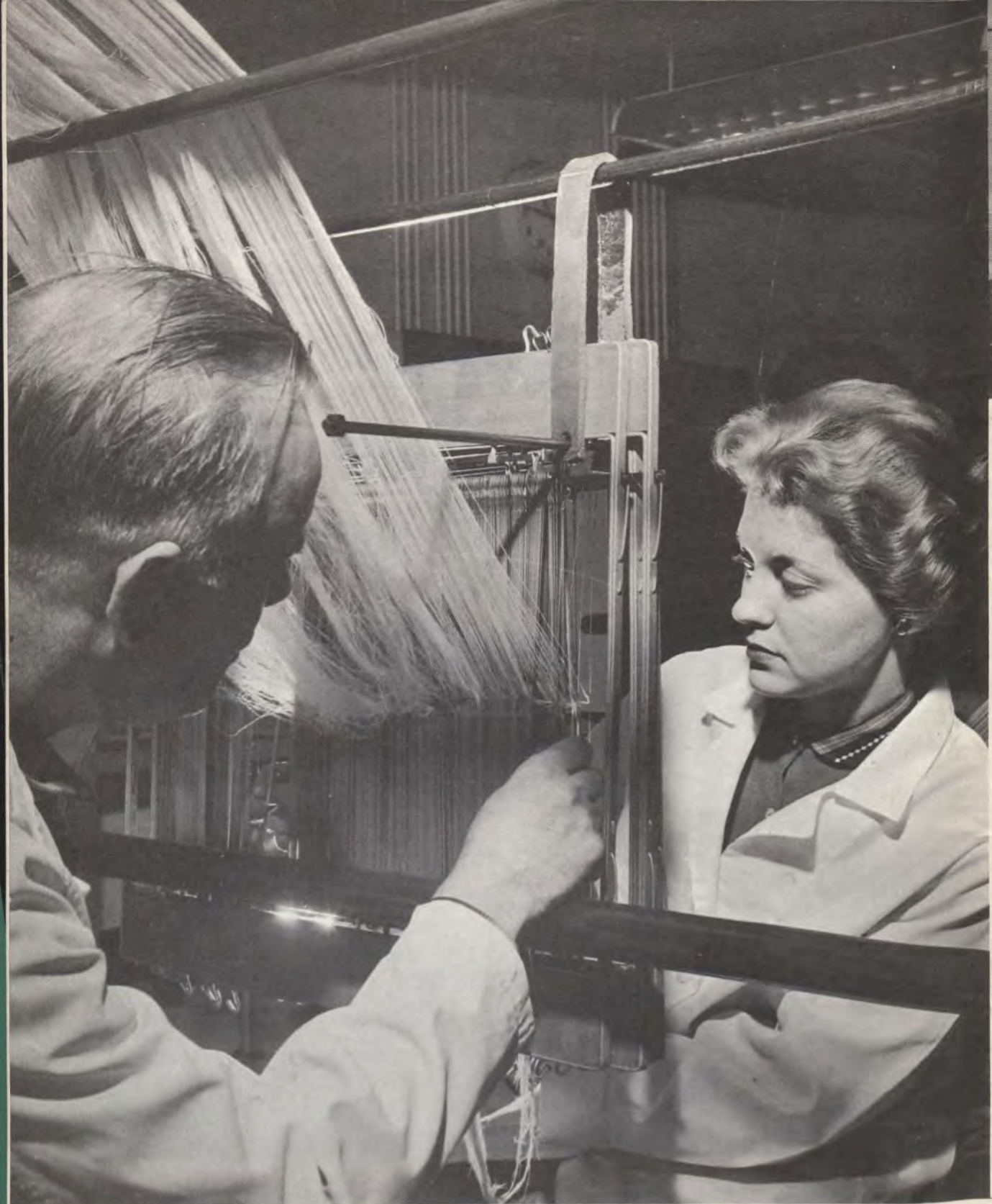
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CANADIAN CHEMICALS FOR EXPORT



This "gray goods" warehouse at a major chemical plant in New Toronto, Ontario, houses rolls of fabrics from Canadian textile mills. They are stored in jute wrappings before being treated with pyroxylin, vinyl lacquer or rubber in the manufacture of products.

A
CAT
MVS



This loom in a major chemical firm's textile laboratories in Millhaven, Ontario, is being threaded as part of an experiment to develop a new suiting fabric. Responsible authorities predict that by 1975 the Canadian chemical industry's yearly output may reach a total value of almost four billion dollars.

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▲
Dazzling light from molten carbide illuminates a furnace room in the Carbide Division of Shawinigan Chemicals Ltd., Shawinigan, Quebec. Heavy postwar investment in Canada's chemical industry has resulted in remarkably up-to-date equipment, facilities and methods.

Spools of polyester fibre monofilament are being inspected at an important chemical plant in Millhaven, Ontario. This factory produces fibre for export to many countries, as well as filling Canada's domestic requirements. ▶

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CANADIAN CHEMICALS



AT YOUR FINGER TIPS

During the Fifties the growth and diversification of chemical production in Canada has been so rapid that adequate promotion of Canadian chemicals in overseas markets has become increasingly dependent on a comprehensive export directory. Requests for such a directory have been received from several customers in many countries and the present reference manual was published to meet their needs.

This publication will be made available abroad through Canadian Trade Commissioners while Canadian exporters may obtain it through the Chemicals Division, Commodities Branch, Department of Trade and Commerce, Ottawa.

Products, Consumers, Producers

As more and more customers the world over came to recognize the Canadian chemical industry's reputation for purity of raw materials, reliability of quality control, regularity and dependability of supply and delivery as well as competitive prices, it was decided to assist them in finding their way among the hundreds of chemical manufacturers and thousands of products available in Canada.

To serve this purpose, the present publication is divided into three sections:

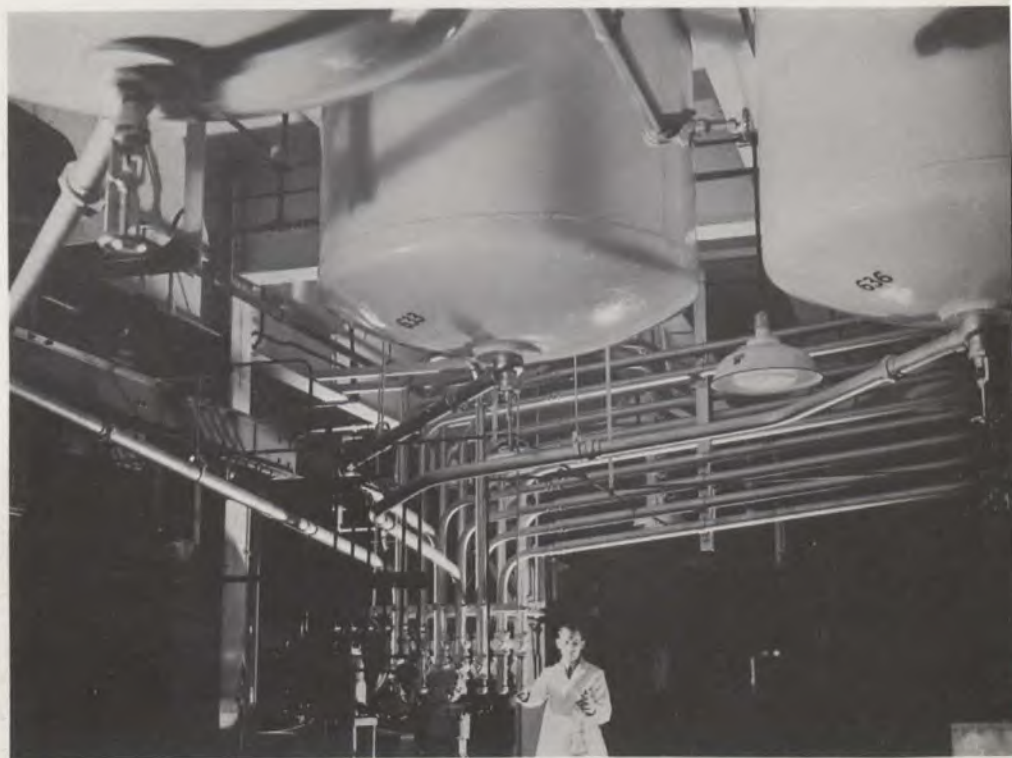
- The main portion lists individual products available for export along with a general indication of their industrial uses as well as the names of manufacturers and exclusive agents who supply these chemicals abroad;
- A second section lists the various chemical-using industries followed by the individual chemicals they require;
- The third section lists all firms referred to in this directory, together with their addresses.

It is expected that easy reference to this comprehensive information will assist Canadian Trade Commissioners and industry representatives abroad in determining potential demand in the light of their knowledge of the industries located within their respective territories.

As a general rule, only chemicals used as intermediate materials in the manufacture of other commodities, are included in this directory. Many end products usually classified as chemicals — such as paints, pharmaceutical preparations, adhesives, pesticides, soaps, inks, etc. — are not listed herein although these products too are available for export from Canada. Only those chemical products are included whose suppliers have indicated they are available for export to at least some parts of the world.

There are, of course, many chemicals produced in Canada that are not included in this directory while others are listed although they are not available for export to every country because of parent-company relationships, geographical considerations, insufficient capacity to handle new enquiries or ramifications within the industry.

A GROWING INDUSTRY



IN A GROWING COUNTRY

Canada's chemical industry is becoming increasingly diversified while its total output doubled in value between 1950 and 1958. Plant capacity has been boosted accordingly as illustrated by this tinter header at a major paint plant in Toronto, which was recently enlarged.

While Canada's chemical industry boasts more than half-a-century of growth, most of its spectacular expansion has undoubtedly taken place since the end of World War Two. During the 1950's alone, total capital investment in new plant and equipment reached close to \$1,000,000,000.

Incidentally, this heavy investment program has contributed to make the Canadian chemical industry remarkably up-to-date not only in equipment and facilities but – more importantly – in its manufacturing, testing, process and quality control methods.

Indicative of the present stature of the Chemical and Allied Products industry in Canada is the fact that within the past ten years 108 new plants have brought the total number of establishments to 1145 while the total number of employees rose by 14,599 to 55,927. Meanwhile, total value of production in 1959 is expected to reach some \$1,400,000,000 or more than double the \$647,000,000 produced in 1950 – and further growth is anticipated for the current and future years.

The following table summarizes production, exports and imports, apparent consumption and percentage of Gross National Product pertaining to the Canadian chemical industry since World War Two:

CANADIAN CHEMICAL PRODUCTION AND TRADE						
millions of dollars						
	1945	1950	1955	1956	1957	1958
Value of Canadian Production	479	647	1,044	1,111	1,203	1,293
Value of Exports from Canada	111	101	184	183	195	197
Value of Imports to Canada	80	158	260	289	294	290
Value of Apparent Consumption	448	704	1,120	1,217	1,302	1,386
Chemical Production as Percentage of Gross National Product	4.05	3.59	3.85	3.63	3.79	4.00

CANADIAN PRODUCTION OF CHEMICALS AND ALLIED PRODUCTS

in millions of dollars

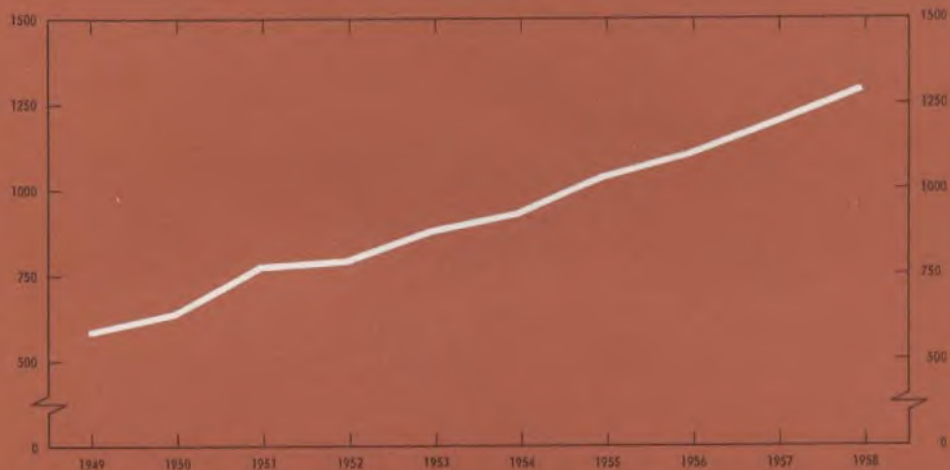


TABLE I - PRODUCTION BY COMMODITY GROUPS in thousands of dollars

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Acids, Alkalis & Salts	74,412	87,494	117,823	114,188	127,299	142,002	172,256	193,541	215,834	260,968
Fertilizers	67,428	68,997	74,489	78,743	84,354	78,149	92,499	83,399	83,808	89,146
Medicinals & Pharmaceuticals	71,502	76,373	89,249	88,022	93,557	97,396	108,122	122,592	140,093	155,006
Paints & Varnishes	82,860	92,999	104,839	107,406	113,248	107,727	117,184	126,312	131,133	143,097
Primary Plastics	21,022	30,728	39,370	34,639	44,542	58,882	75,052	82,739	91,837	97,802
Soaps, Washing Compounds & Cleaning Preparations..	62,398	66,048	73,719	84,461	89,249	92,526	100,105	109,385	118,873	132,023
Toilet Preparations.....	19,047	20,951	22,535	27,060	30,439	31,943	36,849	41,325	49,838	51,856
Vegetable Oils	51,242	47,027	60,202	51,932	50,844	53,121	50,322	42,240	60,952	53,795
Inks	8,940	10,218	10,583	10,924	12,823	13,397	14,748	15,903	16,912	17,482
Adhesives.....	7,825	9,680	11,437	10,839	12,082	12,773	10,909	12,330	13,708	14,381
Polishes & Dressings.....	11,865	13,377	13,245	15,966	17,230	17,718	19,606	20,847	22,324	24,508
Compressed Gases	12,091	12,737	15,378	16,201	15,712	15,873	16,502	20,973	24,281	23,742
Coal Tar Distillation	9,333	10,033	12,077	12,634	13,635	12,878	11,893	13,221	13,664	12,018
Miscellaneous Chemical Products	87,433	100,209	131,543	143,547	176,490	201,340	218,033	226,428	220,155	217,508
TOTAL	587,398	646,870	776,489	796,562	881,504	935,725	1,044,079	1,111,233	1,203,411	1,293,332

Note: Value of shipments at works. Includes only firms reporting to the Dominion Bureau of Statistics

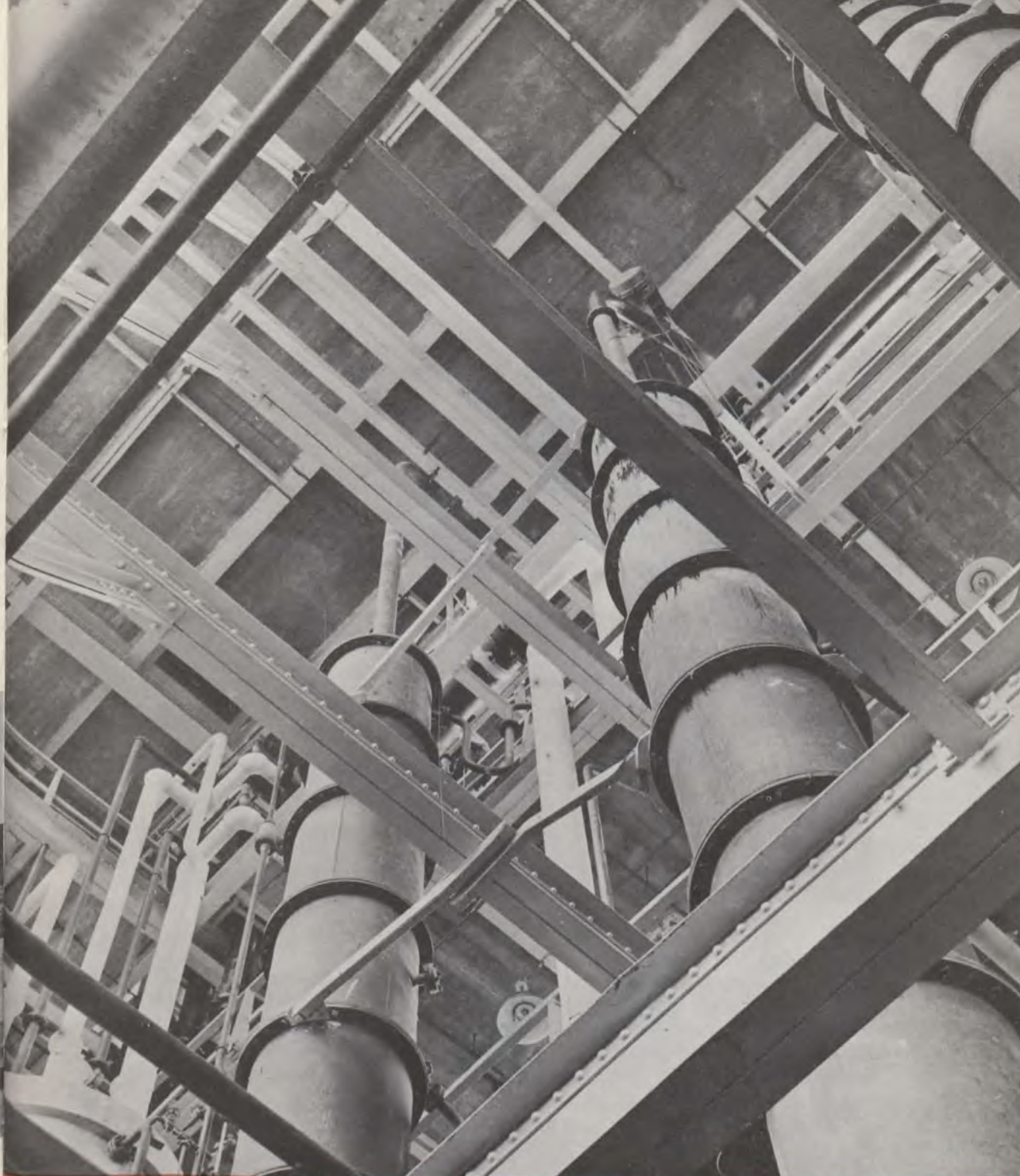
Canada's chemical industry had its origin in the need for explosives to open up the country and fertilizers to assist Canadian agriculture. This first stage was followed by the development of inorganic chemicals primarily and not until World War Two did production of organic chemicals undergo significant expansion. The postwar period has been marked by a considerable increase in organic chemical production, particularly in the petrochemical field, and today Canada has a widely diversified industry, as indicated by the chemicals in the accompanying directory.

The Chemicals and Allied Products Industry is defined as comprising the following groups: heavy chemicals (acids, bases and salts as well as many heavy organic chemicals), fertilizers, medicinals and pharmaceuticals, paints and varnishes, primary plastics, soaps, washing compounds and cleaning preparations, toilet preparations, vegetable oils, inks, adhesives, polishes and dressings, compressed gases, coal tar distillation and miscellaneous chemical products such as synthetic rubber, explosives, insecticides, dry colours, matches and many other smaller groups.

To define the industry another way, the Chemicals group is generally considered to include products manufactured by controlled processes involving molecular change while the Allied Products include goods which have been mainly processed — that is, compounded, mixed, repackaged, etc. In addition, materials from the basic Chemical industry are sold mainly to other manufacturing firms whereas goods of the Allied Products group are sold largely for direct consumption.



Even transportation arteries are now being built with the aid of Canadian chemicals. Here polyethylene film is being used in the construction of an expressway. To keep the moisture in the concrete from seeping into the ground, a moisture-barrier film of tough polyethylene is laid and concrete poured on top. It forms a permanent barrier to moisture.



This striking photo shows still columns in a large chemical plant at Shawinigan Falls, Quebec. Total chemical production in Canada rose from \$479 million in 1945 to \$1,376 millions in 1959.

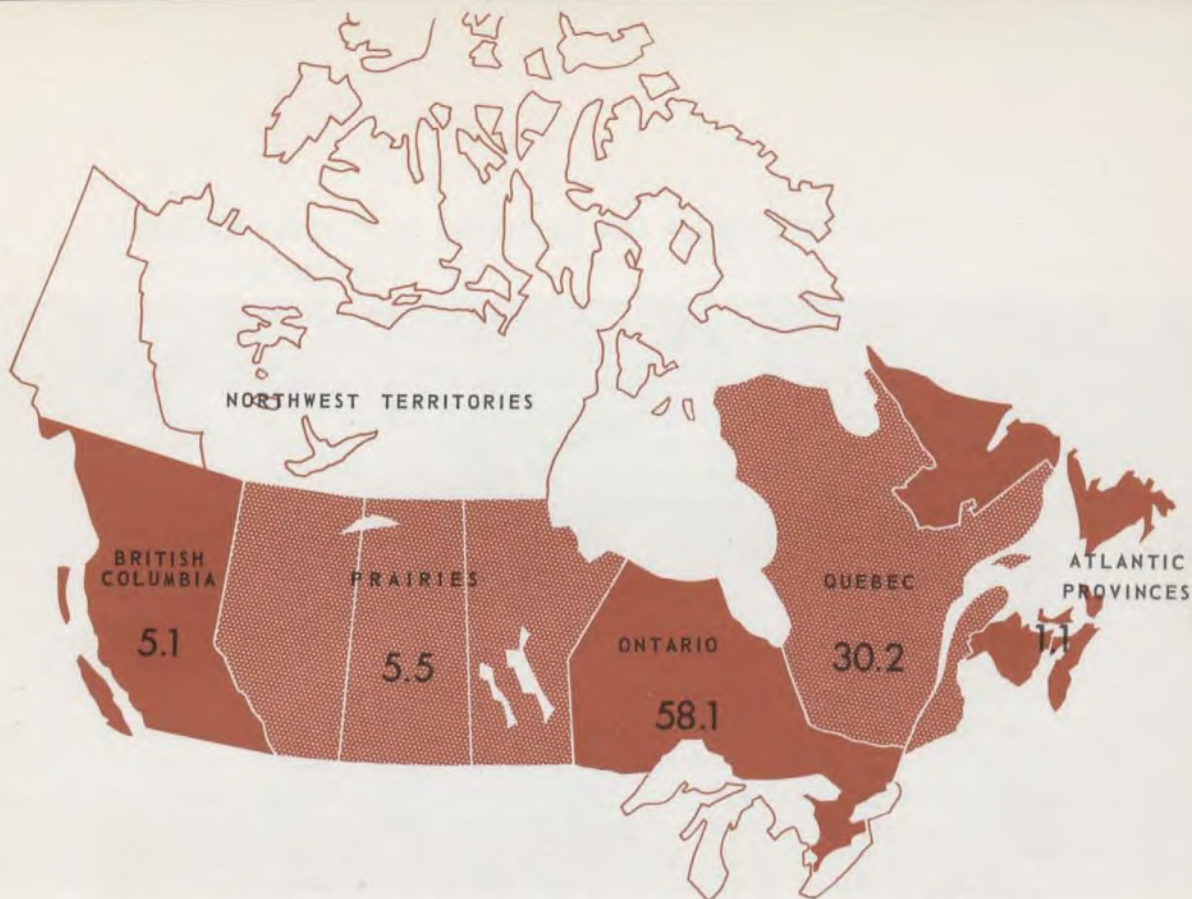
Of the above groups, the acid, alkali and salt industry is the largest single group in terms of value of production, with pharmaceuticals, paints, cleaning compounds, plastics, fertilizer and synthetic rubber following in that order.

The figures in Table I illustrate the growth in production of those firms reporting in the Chemicals and Allied Products Industry. There is also some production of chemicals in other industries such as papermaking, mining, etc., which would add to this total, but the extent of chemical output in these industries is relatively unimportant. It can be seen that a large portion of the total production is represented by the group of miscellaneous products, the largest of which is synthetic rubber. To achieve a further breakdown of this figure, the following estimate is given of the portion represented by synthetic rubber:

ESTIMATED VALUE OF SYNTHETIC RUBBER PRODUCTION
thousands of dollars

1949.....	19,800	1954.....	49,000
1950.....	27,000	1955.....	57,000
1951.....	36,000	1956.....	67,000
1952.....	39,000	1957.....	70,000
1953.....	45,000	1958.....	71,000

The map opposite showing distribution of chemical production by geographical area shows that the industry is concentrated in Ontario and Quebec, the larger centres of population. The principal chemical producing areas in Canada are at Shawinigan Falls and Montreal in Quebec, at Sarnia and the balance of the southwestern section of Ontario and in Western Canada at Edmonton, Alberta, and Trail, British Columbia.



CANADIAN PRODUCTION OF CHEMICALS AND ALLIED PRODUCTS,
percentage distribution by area

TABLE II — PRODUCTION BY AREA in thousands of dollars

Year	Atlantic Provinces	Quebec	Ontario	Prairies	British Columbia	Total
1949	12,581	167,323	330,496	28,138	48,860	587,398
1950	11,717	187,266	375,896	22,385	49,607	646,871
1951	12,288	233,720	447,264	24,553	58,664	776,489
1952	13,367	232,830	466,018	24,903	59,445	796,563
1953	14,647	281,016	497,733	29,617	58,491	881,504
1954	12,247	311,816	513,633	41,115	56,914	935,725
1955	12,649	334,498	578,134	52,160	66,638 ⁽¹⁾	1,044,079
1956	13,430	356,932	623,257	53,043	64,571 ⁽¹⁾	1,111,233
1957	13,162	365,901	702,384	63,279	58,686 ⁽¹⁾	1,203,411
1958	14,528	390,656	750,577	71,221	66,350 ⁽¹⁾	1,293,332

Note: Value of shipments at works. Includes only firms reporting to the Dominion Bureau of Statistics.

(1) Includes Northwest Territories production.

ACIDS, ALKALIS, SALTS

It can be observed that the acids, alkalis and salts group, which include many organic industrial chemicals as well as the inorganics, is not only the largest single group but also had the largest increase in production. This may be attributed largely to general industrial expansion such as in mining and paper which created a need for many of the basic heavy chemicals but also to the growth of petrochemical production primarily in Edmonton, Sarnia and Montreal.

FERTILIZERS

Fertilizer production is undergoing a considerable expansion at the present time and during 1959 there were fertilizer plants in various stages of planning or construction that will add approximately \$45,000,000 per year to our annual productive capacity or approximately a 50% increase. The most important of these are the developments to establish Canada as a major supplier of potash fertilizer based on the rich resources located in the province of Saskatchewan. Other developments include the production of urea and triple superphosphate, both for the first time in Canada, and another plant to produce ammonium nitrate.

PLASTICS

The primary plastics group showed the largest percentage increase during the past decade and it is expected to continue to grow at a rapid rate, in common with the plastics industry the world over. In 1959 capacity to produce low density polyethylene was in the process of being doubled to provide for over 100,000,000 pounds per year and two other plants were in various stages of construction to produce high density polyethylene for the first time.

Other new plants under construction in 1959 will provide production for the first time of such items as sodium cyanide, maleic anhydride, pentaerythritol tetranitrate, potassium hydroxide and new antibiotics, while expansion is taking place in capacity of several other chemicals.

Production of sulphur is growing rapidly in volume and several plants of varying sizes are under construction to produce this material from natural gas in Western Canada. With plans to export natural gas to the United States approved, it has been estimated that elemental sulphur capacity will increase from approximately 200,000 long tons in 1958, to over 2,000,000 long tons in 1963. This sulphur will be available to the United States and markets in the Pacific area although high inland freight costs are a problem facing producers at the present time.

CANADIAN EXPORTS OF CHEMICALS AND ALLIED PRODUCTS
in millions of dollars

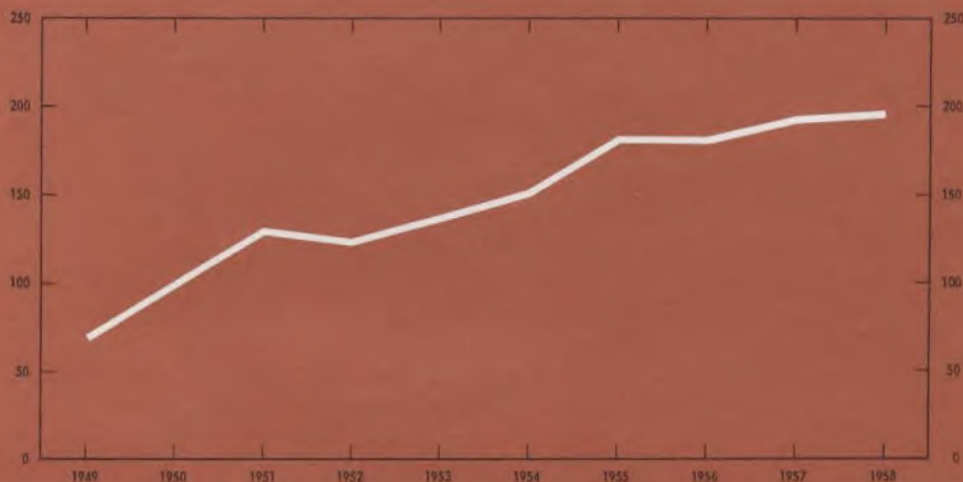


TABLE III - EXPORTS BY COMMODITY GROUPS in thousands of dollars

Commodity Group	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Acids	2,738	3,524	5,823	2,999	1,869	1,711	1,873	2,181	4,113	3,608
Cellulose Products	85	183	1,438	514	966	8,756	14,230	10,308	12,517	10,351
Pesticides	97	77	453	224	56	184	55	403	162	155
Pharmaceuticals	3,788	4,221	5,584	4,864	5,603	5,292	4,193	4,946	6,673	9,406
Fertilizers	39,385	38,874	35,734	42,293	42,634	42,342	56,296	49,211	48,958	46,476
Paints & Pigments	2,161	2,248	5,712	1,935	1,215	1,381	1,724	2,059	1,768	3,011
Toiletries	162	80	139	144	95	114	140	148	197	218
Calcium & Sodium Compounds	6,049	6,942	12,438	9,455	8,402	8,969	9,829	7,917	7,377	5,148
Synthetic Resins	4,929	6,947	10,306	5,346	8,489	11,238	13,134	16,269	17,125	15,997
Miscellaneous Chemicals*..	11,304	37,429	54,063	56,791	68,556	73,250	82,033	89,412	96,413	102,681
TOTAL	70,698	100,525	131,690	124,565	137,885	153,237	183,507	182,854	195,303	197,051

* Includes synthetic rubber and most petrochemicals.

TABLE IV - EXPORTS BY DESTINATION in thousands of dollars

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
United States (including Hawaii, Alaska & Puerto Rico)	37,866	62,049	70,801	78,479	86,845	79,018	86,504	86,082	78,532	79,822
United Kingdom	5,546	5,993	10,370	9,712	8,551	15,676	19,945	21,283	28,480	35,752
Australia & New Zealand ...	1,498	636	1,395	808	592	1,125	2,236	3,640	4,670	3,483
Europe	8,248	15,964	29,053	21,219	27,938	30,590	35,342	37,243	39,936	39,196
Asia	7,280	7,762	7,745	5,473	5,242	7,362	13,471	12,339	18,560	14,147
Latin America	6,274	5,977	9,552	7,123	7,378	16,331	22,520	18,966	21,919	21,791
Africa	3,986	2,144	2,774	1,751	1,339	3,135	3,489	3,301	3,206	2,860
TOTAL	70,698	100,525	131,690	124,565	137,885	153,237	183,507	182,854	195,303	197,051

Exports Always Vital

Exports have always played a vital role for many of Canada's chemical producers as shown in Tables II and III outlining the pattern of our chemical export trade by commodity groupings and areas of destination. For years fertilizers were the largest single export group and, while synthetic rubber has now replaced them as the leading chemical export, fertilizers are expected to regain their top position because of new production facilities. Synthetic resins are the third group in value of exports but they are at a considerably lower level.

Most of Canada's chemical export trade has traditionally been with the United States and in 1958 that country received 40% of our total shipments abroad. The United Kingdom has remained our second largest customer, accounting for 18% in 1958, while the rest of Europe as a whole accounted for 20%. With the recent trend toward liberalization of dollar imports in Europe it is anticipated that exports of certain chemicals to that area will increase.

Canada's synthetic rubber industry is looked upon as a source of supply by over 50 countries throughout the world and has established a high reputation for quality and service. These exports are expected to continue at a high level despite the rapid increase in capacity in other parts of the world. Synthetic rubber exports represent a very significant part of the Miscellaneous Chemicals category in Tables II and III.

The bulk of Canada's fertilizer materials has been produced in Western Canada and their markets have always been concentrated in the Northwest and West Coast areas of the United States. Lately, however, increasingly large shipments have been going to the Pacific seaboard markets of Asia and Latin America. Production of fertilizer materials is now on the increase in Eastern Canada, and prospects are becoming brighter for offshore exports from this part of the country as well. The large volume of mixed fertilizer produced in Eastern Canada is not reaching any offshore export markets at present.

Synthetic resins are exported to all continents of the world, with polystyrene being the largest volume item. Other resins and compounds entering export markets include polyethylene, polyvinyl chloride, nylon, phenol formaldehyde, alkyds and polyesters and although domestic production has become established in many countries the increasing world demand continues to provide a market for Canadian producers.

Exports of cellulose products consist principally of cellulose acetate for textile fabric but included in this category are cellulose film and synthetic sausage casings.

Pharmaceutical exports have increased significantly in recent years and this can be attributed largely to the worldwide acceptance of Canadian Salk poliomyelitis vaccine, which has been exported to over 50 countries.

Unfortunately a great many of Canada's chemical exports appear in basket groupings because there are only one or two producers and details of their activities cannot be released. Of the approximately \$100,000,000 total for this group indicated in Tables II and III, other than synthetic rubber mentioned above,

NEW PLANT INVESTMENT
IN THE CHEMICALS AND ALLIED PRODUCTS INDUSTRY
in millions of dollars

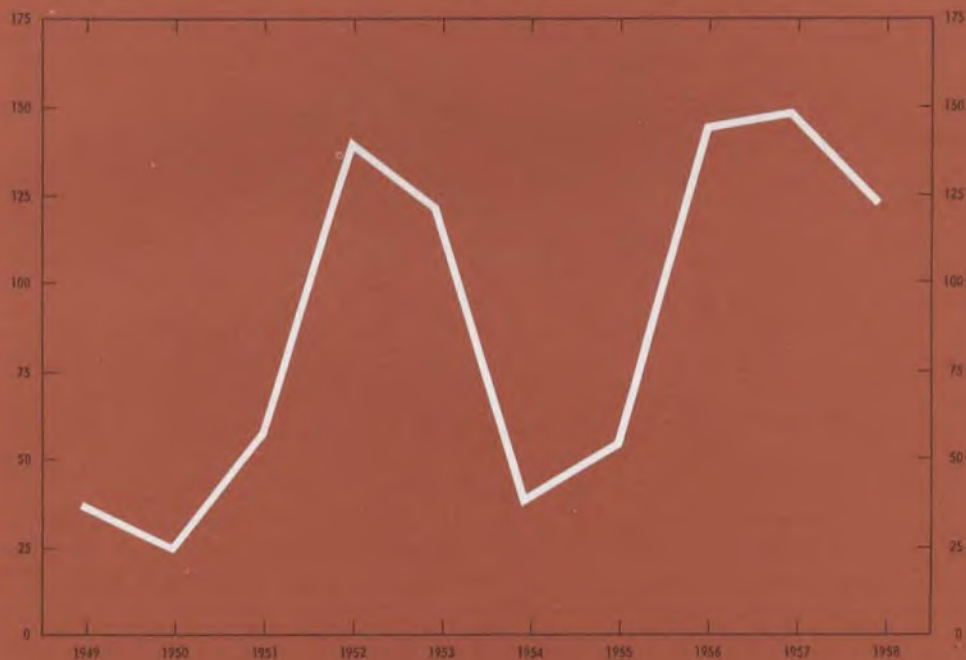


TABLE V - NEW PLANT INVESTMENT
in millions of dollars

Year	Construction	Machinery and Equipment	Total
1949	11.9	25.9	37.8
1950	7.3	19.0	26.3
1951	19.2	38.5	57.7
1952	61.2	79.8	141.0
1953	32.0	90.3	122.3
1954	15.2	24.8	40.0
1955	21.6	34.3	55.9
1956	57.9	87.0	144.9
1957	65.6	84.1	149.7
1958	43.1	73.5	116.6

Note: Average new plant investment in 1939-48 period: \$14.3 million.

the group consists principally of petrochemicals such as ethylene and acetic acid derivatives and various alcohols and ketones but also includes explosives, radioactive isotopes, carbon blacks and a wide variety of miscellaneous specialty chemicals.

A Bright Future

One of the major problems facing chemical producers in Canada is the relatively small size of the domestic market. This frequently results in only minimum economic plants being built and this sometimes makes it difficult to compete with those countries that can support larger plants. Despite this handicap, our producers are able to take advantage of certain favourable factors, such as low-cost power in some areas and low-cost indigenous raw materials in others, which enable them to compete successfully the world over.

Lately, expansion of chemical capacity as reflected in Table IV (New Plant Investment) has continued at a rate which promises to maintain the overall growth pattern. Preliminary estimates for 1959 are for an investment of some \$97,000,000 but indications for 1960 are that investment will be up again, well over the \$100,000,000 level.

The foregoing tables and comments give a brief outline of the extent of Canada's chemical production and exports, and the accompanying directory illustrates the great variety of chemicals offered for export. As Canada grows, the problem of her domestic market will gradually resolve itself and the long-term trend is certainly towards both greater volume and variety.

It has been forecast by responsible authorities that by 1975 the value of output may reach nearly \$4,000,000,000 with exports as high as \$600,000,000 and imports of \$400,000,000.



A striking view of Canadian Industries' new man-made fibre plant at Millhaven, Ontario, which cost \$22,000,000. Capital investment in new plant and equipment of Canada's fast-growing chemical industry totalled nearly \$1,000,000,000 during the 1950's alone.

CANADIAN CHEMICALS FOR EXPORT



This luxurious boucle, a new Canadian drapery material, is sheer enough to admit light yet has enough opacity to be used in draw draperies. It washes easily without shrinking or sagging, dries quickly and needs no ironing.

USES AND MANUFACTURERS

A

PRODUCT: Accelerators

USES: 1. Accelerators in vulcanization of rubber

MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Acetaldehyde

USES: 1. Processing of other chemicals
2. Denaturant for ethyl alcohol
3. A preservative for fruits, fish and leather
4. Intermediate for drugs, perfumes and
photographic agents

MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Acetic Acid

USES: 1. Pharmaceuticals and medicinals
2. Paints, varnishes and lacquers
3. Food products
4. Tanning and leather dressings
5. Herbicides, pesticides and insecticides
6. Textile chemicals
7. Synthetic textiles
8. Processing of other chemicals such as
cellulose acetate
9. Dye industry
10. Rubber industry
11. Petroleum refining and products
12. Photographic chemicals

MANUFACTURERS: 1. Canadian Chemical Co. Ltd.
2. Shawinigan Chemicals Ltd.

PRODUCT: Acetic Anhydride

USES: 1. Cellulose acetate fibres and plastics
2. Herbicides and pesticides
3. Pharmaceuticals and medicinals
4. Dyes
5. Perfumes
6. Explosives
7. Powerful acetylating agent

MANUFACTURERS: 1. Canadian Chemical Co. Ltd.
2. Shawinigan Chemicals Ltd.

PRODUCT: Acetone

USES: 1. Processing of other chemicals
2. Glues and adhesives
3. Paints, varnishes and lacquers
4. Plastics and synthetic resins
5. Polishes and dressings
6. Synthetic textiles
7. Toilet preparations
8. Extraction industries
9. Inks
10. Pharmaceuticals and medicinals
11. An excellent solvent

MANUFACTURERS: 1. B.A. - Shawinigan Ltd.
2. Canadian Chemical Co. Ltd.

PRODUCT: Acetophenetidine (See Phenacetin)

PRODUCT: Acetylene Carbon Black

USES: 1. Battery industry
2. Rubber industry
3. Inks
4. Plastics industry
5. Paints

MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Acrylic Emulsions

USES: 1. Protective coatings
MANUFACTURERS: 1. Polyresins Ltd., Division of
Bate Chemical Corp. Ltd.
2. Rohm & Haas Co. of
Canada Ltd.

PRODUCT: ACTH (Corticotropin, Adrenocorticotrophic
Hormone)

USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Canada Packers Ltd., Fine
Chemicals Division
2. Nordic Biochemicals Ltd.
Export Agents: Balfour
Guthrie (Canada) Ltd.

PRODUCT: Activated 7-Dehydrocholesterol (See
Vitamin D₂)

PRODUCT: Adipic Acid (Hexanedioic Acid)

USES: 1. For manufacture of plasticizers, nylon and
polyester resin

MANUFACTURER: 1. Du Pont of Canada Ltd.

PRODUCT: Adrenochrome Semicarbazone

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Fine Chemicals of Canada Ltd.

PRODUCT: Adrenocorticotrophic Hormone (See ACTH)

PRODUCT: Alkyd Resins

USES: 1. Inks
2. Paints, varnishes and lacquers
MANUFACTURERS: 1. Alma Paint & Varnish Co.,
Ltd. Export Agents: M.
Gurvey & Co.
2. Canadian General Electric
Co. Ltd., Chemical
Materials Section
3. General Paint Corp. of
Canada Ltd.
4. The Imperial Flo-Glaze
Paints Ltd.
5. Polyresins Ltd., Division
of Bate Chemical Corp. Ltd.
6. Reichhold Chemicals
(Canada) Ltd.
7. Rohm & Haas Co. of Canada
Ltd.
8. Schenectady Varnish Canada
Ltd.

PRODUCT: Alkyl Aryl Sulphonates

USES: 1. Insecticides, fungicides and disinfectants

2. Soaps and detergents
3. Finishing of cotton, rayon and woollen textiles
4. Toilet preparations and cosmetics
5. Glues and adhesives
6. Tanning and leather dressings
7. Chemical processing
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Alkyl Polyglycol Esters
USES: 1. Low foam detergent, levelling and penetrating agent suitable for high pressure dyeing systems
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Alkyl Phenol Polyglycol Ethers
USES: 1. Soaps and detergents
2. Synthetic textiles
3. Textile chemicals
4. Pulp and paper
5. Insecticides
6. Herbicides and pesticides
7. Disinfectants
8. Paints, varnishes and lacquers
9. Pharmaceuticals and medicinals
10. Metal refining and processing
11. Glues and adhesives
12. Food products
13. Fertilizers
14. Beverage industry
15. Plastics and synthetic resins
16. Tanning and leather dressings
17. Toilet preparations and cosmetics
18. Petroleum products
MANUFACTURERS: 1. Canadian Aniline & Extract Co. Ltd.
2. Chemical Developments of Canada Ltd.
3. The Hart Products Co. of Canada Ltd.

PRODUCT: Alkyl Polyglycol Ethers
USES: 1. Levelling agent for water soluble dyestuffs and dispersing agent for naphthols
2. Emulsifying agents for oils and waxes
MANUFACTURER: 1. Canadian Aniline & Extract Co. Ltd.

PRODUCT: Alkylated Aryl Phosphite
USES: 1. Antioxidant in rubber processing
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Alkylated Diphenylamine
USES: 1. Antioxidant in rubber processing
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Alkylated Phenol
USES: 1. Antioxidant in rubber processing
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Aloin
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Fine Chemicals of Canada Ltd.

PRODUCT: Alumina, Calcined
USES: 1. Ceramics
2. Refractories
3. Glass
4. Polishes and dressings
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Alumina Hydrate
USES: 1. Processing of other chemicals
2. Petroleum refining and products
3. Glass
4. Refractories
5. Ceramics
6. Pharmaceuticals and medicinals
7. Polishes and dressings
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Aluminum Bile Salts
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: Aluminum Fluoride
USES: 1. Aluminum metal refining
2. Ceramic glazes and enamels
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Aluminum Paste
USES: 1. Paints, varnishes and lacquers
2. Inks
3. Plastics and synthetic resins
4. Synthetic textiles
MANUFACTURERS: 1. Aluminum Co. of Canada, Ltd.
2. Canadian Bronze Powder Works Ltd.

PRODUCT: Aluminum Powder
USES: 1. Paints, varnishes and lacquers
2. Inks
3. Plastics and synthetic resins
4. Synthetic textiles
5. Lightweight concrete
MANUFACTURERS: 1. Aluminum Co. of Canada, Ltd.
2. Canadian Bronze Powder Works Ltd.

PRODUCT: Aluminum Stearate
USES: 1. Waterproofing
2. Inks

3. Paints, varnishes and lacquers
4. Petroleum greases
5. Plastics and synthetic resins
6. Pharmaceuticals and medicinals
7. Toilet preparations and cosmetics
MANUFACTURERS: 1. H.L. Blachford, Ltd.
2. Nuodex Products of Canada, Ltd.
3. Soden Chemicals, Division of Witco Chemical Co. Canada Ltd.

PRODUCT: Aluminum Sulphate
USES: 1. Pulp and paper
2. Tanning and leather dressings
3. Water purification chemicals
4. Sewage treatment
5. Oil cloth and linoleum
6. Boiler compounds
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Aminobenzene (See Aniline Oil)

PRODUCT: Ammonia
USES: 1. Chemical processing
2. Fertilizers
3. Leaching of ore
4. Refrigeration
5. Pulp manufacture
6. Petroleum refining
7. Pharmaceuticals
8. Cleaning compounds
9. Inks
10. Textile dyeing
11. Glues and adhesives
12. Soaps
MANUFACTURERS: 1. Canadian Industries Ltd.
2. The Consolidated Mining & Smelting Co. of Canada Ltd.
3. Cyanamid of Canada Ltd.
4. Dow Chemical of Canada, Ltd.
5. Sherritt Gordon Mines Ltd.
Export Agents: Harrisons & Crosfield (Canada) Ltd.

PRODUCT: Ammonium Chloride
USES: 1. Batteries and cells
2. Soldering and galvanizing flux
3. Textile chemicals
4. Ammonia salts
5. Pharmaceuticals and medicinals
6. Washing powders
MANUFACTURER: 1. Canadian Industries Ltd.

PRODUCT: Ammonium Diuranate
USES: 1. Atomic energy industry
MANUFACTURER: 1. Eldorado Mining & Refining Ltd.

PRODUCT: Ammonium Lignosulphonate
USES: 1. Leather tanning

2. Insecticides
3. Pesticides
MANUFACTURER: 1. Lignosol Chemicals Ltd.

PRODUCT: Ammonium Nitrate
USES: 1. Fertilizers
2. Blasting agent
MANUFACTURERS: 1. Canadian Industries Ltd. (Blasting agent only)
2. The Consolidated Mining & Smelting Co. of Canada Ltd.
3. Cyanamid of Canada Ltd.
4. Northwest Nitro-Chemicals Ltd.

PRODUCT: Ammonium Nitrate Phosphate (27-14-0)
USES: 1. Fertilizers
MANUFACTURERS: 1. The Consolidated Mining & Smelting Co. of Canada Ltd.
2. Northwest Nitro-Chemicals Ltd.

PRODUCT: Ammonium Phosphate (11-48-0)
USES: 1. Fertilizers
MANUFACTURERS: 1. The Consolidated Mining & Smelting Co. of Canada Ltd.
2. Northwest Nitro-Chemicals Ltd.

PRODUCT: Ammonium Phosphate Sulphate (16-20-0)
USES: 1. Fertilizers
MANUFACTURERS: 1. The Consolidated Mining & Smelting Co. of Canada Ltd.
2. Northwest Nitro-Chemicals Ltd.

PRODUCT: Ammonium Sulphate
USES: 1. Fertilizers
MANUFACTURERS: 1. The Consolidated Mining & Smelting Co. of Canada Ltd.
2. Sherritt Gordon Mines Ltd.
Export Agents: Harrisons & Crosfield (Canada) Ltd.

PRODUCT: Amyl Alcohol
USES: 1. Food products
2. Glues and adhesives
3. Insecticides
4. Ore dressing, metal refining and processing
5. Paints, varnishes and lacquers
6. Polishes and dressings
7. Plastics and synthetic resins
8. Soaps and detergents
9. Processing of other chemicals
MANUFACTURER: 1. Cosmos Chemical Co. Ltd.

PRODUCT: Aniline Oil (Aminobenzene)
USES: 1. Rubber accelerators and antioxidants
2. Intermediate for dyes
3. Pharmaceuticals and medicinals
4. Chemical processing

5. Veterinary pharmaceuticals
6. Petroleum refining
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Anti-blocking Agents
USES: 1. Pulp and paper industry
MANUFACTURERS: 1. Colloids of Canada Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Anti-foaming Agents
USES: 1. To prevent foaming in a number of
industries, such as, paint, pulp and paper,
chemical, synthetic rubber, textile,
adhesives, etc.
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.

PRODUCT: Antioxidants
USES: 1. Rubber processing
MANUFACTURERS: 1. Monsanto Canada Ltd.
2. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Anti-slip Agents
USES: 1. Textile industry
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.

PRODUCT: Anti-static Agents
USES: 1. Textile industry
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.

PRODUCT: Argon
USES: 1. Inert gas shield in arc welding
2. Manufacture of castings
3. Filling electric light lamps
4. Used with neon in "neon" lights
5. Gas chromatography
MANUFACTURER: 1. Canadian Liquid Air Co., Ltd.

PRODUCT: Aromatic Compounds (Perfume Oils)
USES: Industrial deodorants in:
1. Fertilizers
2. Glues and adhesives
3. Inks
4. Insecticides
5. Herbicides and pesticides
6. Disinfectants
7. Pharmaceuticals and medicinals
8. Paints, varnishes and lacquers
9. Polishes and dressings
10. Petroleum products
11. Pulp and paper

12. Plastics and synthetic resins
13. Tanning and leather dressings
14. Textile chemicals
15. Toilet preparations and cosmetics
16. Soaps and detergents
MANUFACTURERS: 1. Compagnie Parento Ltd.
2. Norda Ltd.

PRODUCT: Arsenic Trioxide (White Arsenic,
Arsenious Acid)
USES: 1. Insecticides
2. Herbicides and pesticides
3. Glass
MANUFACTURER: 1. Deloro Smelting & Refining
Co. Ltd.

PRODUCT: Ascorbic Acid (See Vitamin C)
PRODUCT: Asphalt
USES: 1. Highway construction
2. Pulp and paper
3. Pipeline protective coatings
4. Glues and adhesives
MANUFACTURER: 1. Husky Oil & Refining Ltd.

B

PRODUCT: Barium Stearate
USES: 1. Waterproofing agent
2. Lubricant
3. Packing for bearings
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Bauxite
USES: 1. Processing of aluminum chemicals
2. Petroleum refining and products
3. Ore dressing, metal refining and
processing
4. Ceramics and refractories
5. Cement
6. Catalysts
7. Filler in rubber, plastics and paints
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Beaver Castoreum
USES: 1. Pharmaceuticals and medicinals
2. Toilet preparations and cosmetics
MANUFACTURERS: 1. Cominsco (Canada) Ltd.
2. Dominion Herb Distributors
Inc.
3. R.S. Robinson's Sons Co.
Ltd.

PRODUCT: Beeswax
USES: 1. Toiletries
2. Pharmaceuticals
3. Candles
4. Inks
MANUFACTURERS: 1. F.W. Jones & Son, Ltd.
2. Mel-Glad, Les Ruchers, Enr.

PRODUCT: Bentonite Clay, Activated
USES: 1. Refining of edible grade vegetable oils
2. As a carrier in insecticides and herbicides
3. Refining of linseed and soybean oils and waxes in paints, varnishes, lacquers, polishes and dressings
4. Refining of lubricating oils
5. Refining of tallow for soaps and detergents
MANUFACTURER: 1. Pembina Mountain Clays Ltd.

PRODUCT: Bentonite Clay, Natural
USES: 1. As a diluent and anticalcining agent in fertilizers
2. As a diluent or carrier in insecticides, herbicides and pesticides
3. Bonding agent for sand in metal castings
4. Refining of lubricating oils
5. Bonding agent in food pellets of stock and poultry feeds
MANUFACTURER: 1. Pembina Mountain Clays Ltd.

PRODUCT: Benzene (Benzol)
USES: 1. Styrene and phenolic resins
2. Nylon
3. Soaps and detergents
4. Other benzol derivatives
5. Pharmaceuticals and medicinals
6. Herbicides
7. Plasticizers
8. Adipate esters
9. Rubber accelerators
10. Dyes
11. Antioxidants and inhibitors
12. Photographic chemicals
MANUFACTURER: 1. Canadian Oil Companies, Ltd.

PRODUCT: Benzol (See Benzene)

PRODUCT: BHT (See 2, 6-Ditertiarybutyl-p-Cresol)

PRODUCT: Bile Salts
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Fine Chemicals of Canada Ltd.

PRODUCT: Biological Extracts
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Fine Chemicals of Canada Ltd.

PRODUCT: Bismuth Glycolylarsanilate
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: Bis-phenol (p,p'-Isopropylidenediphenol)
USES: 1. Manufacture of epoxy resins
MANUFACTURER: 1. B.A. - Shawinigan Ltd.

PRODUCT: Bleaching Agents, Optical
USES: 1. Textile Industry
MANUFACTURER: 1. Colloids of Canada Ltd.

PRODUCT: Blood Root
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Cominso (Canada) Ltd.

PRODUCT: Blown Oil
USES: 1. Glues and adhesives
2. Inks
3. Ore dressing, metal refining and processing
4. Paints
5. Polishes and dressings
6. Petroleum products
7. Plastics and synthetic resins
8. Leather dressings
9. Textile chemicals
10. Soaps and detergents
11. Processing of other chemicals
12. Metal forming industry
13. Hydraulic brake fluids
MANUFACTURER: 1. Nopco Chemical Canada Ltd.

PRODUCT: Bone Flour, Edible
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine Chemicals Division

PRODUCT: Botanical Extracts
USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Dominion Herb Distributors Inc.
2. Fine Chemicals of Canada Ltd.

PRODUCT: Bronze Powders
USES: 1. Paints, varnishes and lacquers
2. Inks
3. Plastics and synthetic resins
4. Synthetic textiles
5. Lightweight concrete
6. Bronzing agents
7. Coating papers
MANUFACTURER: 1. Canadian Bronze Powder Works Ltd.

PRODUCT: Butadiene (Vinylethylene)
USES: 1. Synthetic rubber
2. Organic synthesis
MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: n-Butanol (n-Butyl Alcohol)
USES: 1. Solvent for many alkaloids, camphor, shellac, gums and waxes
2. Brake fluids
3. Pharmaceuticals and medicinals
4. Plastics and synthetic resins
5. Soaps and detergents
6. Base for butyl compounds
7. Lacquers
8. Cosmetics
9. Artificial leather
10. Dehydrating agent

MANUFACTURERS: 1. Canadian Chemical Co. Ltd.
2. Shawinigan Chemicals Ltd.

PRODUCT: n-Butyl Acetate

USES: 1. Lacquers
2. Polishes and dressings
3. Plastics and synthetic resins
4. Toilet preparations and cosmetics
5. Photographic industry
6. Glass industry
7. Solvent for nitrocellulose
8. Leather dopes
9. Processing of other chemicals

MANUFACTURERS: 1. Canadian Chemical Co. Ltd.
2. Shawinigan Chemicals Ltd.

PRODUCT: n-Butyl Alcohol (See n-Butanol)

PRODUCT: n-Butyl Aldehyde (See Butyraldehyde)

PRODUCT: Butyraldehyde (n-Butyl Aldehyde)

USES: 1. Plastics and synthetic resins
2. Rubber cements and accelerators
3. Tanning extracts
4. Organic synthesis

MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Butyraldehyde - Aniline Reaction
Product

USES: 1. An accelerator in vulcanizing rubber

MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

C

PRODUCT: Calcipherol (See Vitamin D₂)

PRODUCT: Calcium Arsenate

USES: 1. Insecticides
2. Herbicides

MANUFACTURERS: 1. Deloro Smelting & Refining
Co. Ltd.
2. Niagara Brand Chemicals,
Division of FMC Machinery
& Chemicals Ltd.

PRODUCT: Calcium Carbide

USES: 1. Generation of acetylene for illumination,
welding and cutting
2. Manufacture of calcium cyanamide
3. Steel hardener
4. Reducing Agent

MANUFACTURERS: 1. Cyanamid of Canada Ltd.
2. Shawinigan Chemicals Ltd.

PRODUCT: Calcium Caseinate

USES: 1. Food products
2. Pharmaceuticals and medicinals
3. Toilet preparations and cosmetics

MANUFACTURER: 1. Champlain Milk Products Co.,
Ltd.

PRODUCT: Calcium Cyanamide (Cyanamide)

USES: 1. Fertilizers
2. Case hardening of steel
3. Processing of other chemicals

MANUFACTURER: 1. Cyanamid of Canada Ltd.

PRODUCT: Calcium cyanide

USES: 1. Leaching of gold and silver ores
2. Insecticides and herbicides

MANUFACTURER: 1. Cyanamid of Canada Ltd.

PRODUCT: Calcium Hydroxide (See Lime,
Hydrated)

PRODUCT: Calcium Lignosulphonate

USES: 1. Concrete plasticizer
2. Cement clinker grinding aid
3. Metal refining and processing
4. Dust layer for highways
5. Prevention of frost heaving
6. Foundry core binders
7. Refractory binder
8. Adhesives and cements

MANUFACTURER: 1. Lignosol Chemicals Ltd.

PRODUCT: Calcium Naphthenate, Octoate, or
Tallate

USES: 1. Driers for printing ink and paint industry
2. Waterproofing compositions
3. Wood fillers

MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Calcium Oxide (See Lime, Burned)

PRODUCT: Calcium Stearate

USES: 1. Inks
2. Paints
3. Cement blocks and bricks
4. Plastic and synthetic resins
5. Waterproofing

MANUFACTURERS: 1. H.L. Blachford, Ltd.
2. Nuodex Products of Canada,
Ltd.
3. Soden Chemicals, Division
of Witco Chemical Co. of
Canada Ltd.

PRODUCT: Canada Balsam

USES: 1. Pharmaceuticals and medicinals
2. Soaps and detergents
3. Cement for optical lenses

MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Herb Distributors
Inc.
3. J.E. Livernois Ltée.
4. Morfi Chemicals Reg'd.
5. F. E. Lingeman

PRODUCT: Carbamide (See Urea)

PRODUCT: Carbolic Acid (See Phenol)

PRODUCT: Carbon Bisulphide

USES: 1. Rayon manufacture
2. Processing of other chemicals
3. Herbicides and pesticides
4. Solvent for fats, resins, waxes, rubber and sulphur

MANUFACTURER: 1. Cornwall Chemicals Ltd.

PRODUCT: Carbon Black

USES: 1. Rubber products
MANUFACTURER: 1. Cabot Carbon of Canada Ltd.

PRODUCT: Carbon Dioxide

USES: 1. Beverage industry
2. Paints, varnishes and lacquers
3. Food products

MANUFACTURER: 1. Liquid Carbonic Canadian Corporation Ltd.

PRODUCT: Carbon Tetrachloride

USES: 1. Fire extinguishers
2. Dry cleaning agents
3. Solvents
4. Metal polishes
5. Rubber cements
6. Metal degreasing

MANUFACTURERS: 1. Cornwall Chemicals Ltd.
2. Dow Chemical of Canada, Ltd.

PRODUCT: Carbon Trichloride (See Hexachloroethane)

PRODUCT: Carboxymethylcellulose (See Sodium Carboxymethylcellulose)

PRODUCT: Cascara Sagrada Bark

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Cominso (Canada) Ltd.

PRODUCT: Casein

USES: 1. Glues and adhesives
2. Paints
3. Wallpaper
4. Tanning and leather dressings
5. Sizing agents

MANUFACTURER: 1. Champlain Milk Products Co., Ltd.

PRODUCT: Catalase

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine Chemicals Division

PRODUCT: Caustic Soda (Sodium Hydroxide)

USES: 1. Ore dressing, metal refining and processing
2. Cleaning compounds
3. Petroleum refining
4. Pulp and paper
5. Textile chemicals

6. Detergents

7. Processing of other chemicals
8. Rayon and film
9. Herbicides and pesticides
10. Plastics and synthetic resins
11. Glues and adhesives
12. Textile processing

MANUFACTURERS: 1. Dow Chemical of Canada, Ltd.

PRODUCT: Cedar Leaf Oil

USES: 1. Pharmaceuticals and medicinals
2. Toilet preparations and cosmetics
3. Soaps and detergents
4. Insecticides and disinfectants
5. Polishes and dressings
6. Paints, etc.

MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dr. K.A. Hackstetter, Tree Oil Ltd.
3. Norda Ltd.

PRODUCT: Cellulose Acetate Compounds

USES: 1. Plastics and synthetic resins
MANUFACTURER: 1. Kayson Rubber & Plastics Ltd.

PRODUCT: Cellulose Acetate Flake

USES: 1. Cellulose acetate fibre
MANUFACTURER: 1. Canadian Chemical Co. Ltd.

PRODUCT: Chelating Agents

USES: 1. Pulp and paper
2. Textile chemicals
3. Toilet preparations and cosmetics
4. Soaps and detergents

MANUFACTURER: 1. Clough Chemical Co., Ltd.

PRODUCT: Chlorine

USES: 1. Pulp and paper
2. Herbicides and pesticides
3. Ore dressing, metal refining and processing
4. Pharmaceuticals and medicinals
5. Processing of other chemicals
6. Water purification
7. Disinfectants
8. Soaps and detergents
9. Synthetic textile industry
10. Food industry

MANUFACTURERS: 1. Aluminum Co. of Canada, Ltd.
2. Canadian Industries Ltd.

PRODUCT: Cholesterin (See Cholesterol)

PRODUCT: Cholesterol (Cholesterin)

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine Chemicals Division

PRODUCT: Cholic Acid

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine
Chemicals Division

PRODUCT: Chromic Oxide (Chromium Oxide)

USES: 1. Paints
2. Polishes and dressings
3. Plastics and synthetic resins
4. Stock and poultry feeds

MANUFACTURERS: 1. Abbey Chemical Co.
2. Tennant & Michaud Ltd.

PRODUCT: Chromium Oxide (See Chromic Oxide)

PRODUCT: Chymotrypsin

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine
Chemicals Division

PRODUCT: Citric Acid

USES: 1. Beverage industry
2. Pharmaceuticals and medicinals
3. Food products
4. Inks
5. Paints
6. Polishes and dressings
7. Pulp and paper
8. Plasticizers and foam inhibitors
9. Toilet preparations and cosmetics
10. Soaps and detergents
11. Processing of other chemicals
12. An iron sequestering agent in metal
pickling baths, secondary petroleum
recovery and water conditioning

MANUFACTURERS: 1. Kemball Bishop Canada,
Division of Pfizer Corporation
2. Sturge (Canada) Ltd.

PRODUCT: Coal Tar Pitch (See Pitch, Coal Tar)

PRODUCT: Cobalt Carbonate

USES: 1. Agricultural feed supplements
MANUFACTURER: 1. Deloro Smelting & Refining
Co., Ltd.

PRODUCT: Cobalt Naphthenate, Octoate or Tallate

USES: 1. Driers for printing ink and paint industry
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Cobalt Oxide

USES: 1. Manufacture of frits and enamels
2. Pigment in ceramics

MANUFACTURER: 1. Deloro Smelting & Refining
Co. Ltd.

PRODUCT: Cobalt Powder

USES: 1. Paints
2. Ceramic frits

MANUFACTURER: 1. Deloro Smelting & Refining
Co., Ltd.

PRODUCT: Cobalt Sulphate

USES: 1. Manufacture of paint driers
2. Agricultural feed supplements
MANUFACTURER: 1. Deloro Smelting & Refining
Co. Ltd.

PRODUCT: Coke, Petroleum

USES: 1. Production of electrodes for metallurgical
and electrochemical processes
2. Manufacture of metallic carbides

MANUFACTURERS: 1. The British American Oil
Co., Ltd.
2. Texaco Canada Ltd.

PRODUCT: Copper Naphthenate

USES: 1. Wood, canvas and rope preservative
2. Insecticide and fungicide

MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Copper-8-Quinolinolate

USES: 1. Fungicide
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Copper Sulphate

USES: 1. Ore dressing and metal refining
2. Herbicides and pesticides
3. Processing of other chemicals
4. Fertilizers
5. Disinfectants
6. Textile chemicals
7. Stock and poultry foods

MANUFACTURER: 1. Canadian Copper Refiners
Ltd.

PRODUCT: Corrosion Inhibitors

USES: 1. Petroleum refining
2. Metal pickling
3. Engine coolants

MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Nopco-Chemical Canada Ltd.

PRODUCT: Corticotropin (See ACTH)

PRODUCT: Creosote

USES: 1. Herbicides and pesticides
2. Wood preservative

MANUFACTURER: 1. Dominion Tar & Chemical
Co., Ltd., Coal Tar Products
Division

PRODUCT: Cresol (Cresylic Acid)

USES: 1. Plastics and synthetic resins
2. Ore dressing
3. Disinfectants
4. Glues and adhesives
5. Inks
6. Textile chemicals
7. Processing other chemicals

MANUFACTURER: 1. Dominion Tar & Chemical

Co., Ltd., Coal Tar Products
Division

PRODUCT: Cresylic Acid (See Cresol)

PRODUCT: Crotonaldehyde (Propylene Aldehyde)

- USES: 1. Ore dressing, metal refining and processing
2. Raw material for processing of other chemicals
3. Rubber industry
4. Dye industry
5. Solvent for varnishes, rosin, shellac, etc.
6. Purification of lubricating oils
7. Insecticides
8. Leather tanning

MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Cyanamide (See Calcium Cyanamide)

PRODUCT: Cyanocobalamin (See Vitamin B₁₂)

PRODUCT: Cyclohexanol (Hexahydrophenol)

- USES: 1. Glues and adhesives
2. Inks
3. Paints and varnishes
4. Petroleum refining and products
5. Textile chemicals
6. Processing of other chemicals
7. Solvent

MANUFACTURER: 1. Howards & Sons (Canada) Ltd.

PRODUCT: N-Cyclohexyl-2-Benzothiazole
Sulphenamide

- USES: 1. Accelerator in vulcanization of rubber

MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

D

PRODUCT: 2,4-D Acid (2,4-Dichlorophenoxyacetic
Acid)

- USES: 1. Herbicides and pesticides

MANUFACTURERS: 1. Dow Chemical of Canada,
Ltd.
2. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: 2,4-D Ester (2,4-Dichlorophenoxyacetic
Acid Ester)

- USES: 1. Herbicides and pesticides

MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Defoamers

- USES: 1. Food products
2. Glues and adhesives
3. Inks

4. Paints
5. Polishes and dressings
6. Petroleum refining and products
7. Pulp and paper
8. Plastic and synthetic resins
9. Tanning and leather dressings
10. Textile chemicals
11. Soaps and detergents

MANUFACTURERS: 1. Hercules Powder Co.
(Canada) Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Dehydrocholic Acid

- USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine
Chemicals Division

PRODUCT: Delustering Agents

- USES: 1. Textile Industry
MANUFACTURER: 1. Colloids of Canada Ltd.

PRODUCT: Desizing Agents

- USES: 1. Textile chemicals
MANUFACTURER: 1. Clough Chemical Co. Ltd.

PRODUCT: Desoxycholic Acid

- USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine
Chemicals Division

PRODUCT: Detergents

- USES: 1. Beverage industry
2. Disinfectants
3. Paints industry
4. Polishes and dressings
5. Pulp and paper
6. Tanning and leather dressings
7. Textile chemicals
8. Toilet preparations and cosmetics
9. Soaps and detergents
- MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.
4. Reliable Chemical Products
Co.

PRODUCT: Detergent Alkylate (See Dodecyl-
benzene)

PRODUCT: Dextrin, Wheat

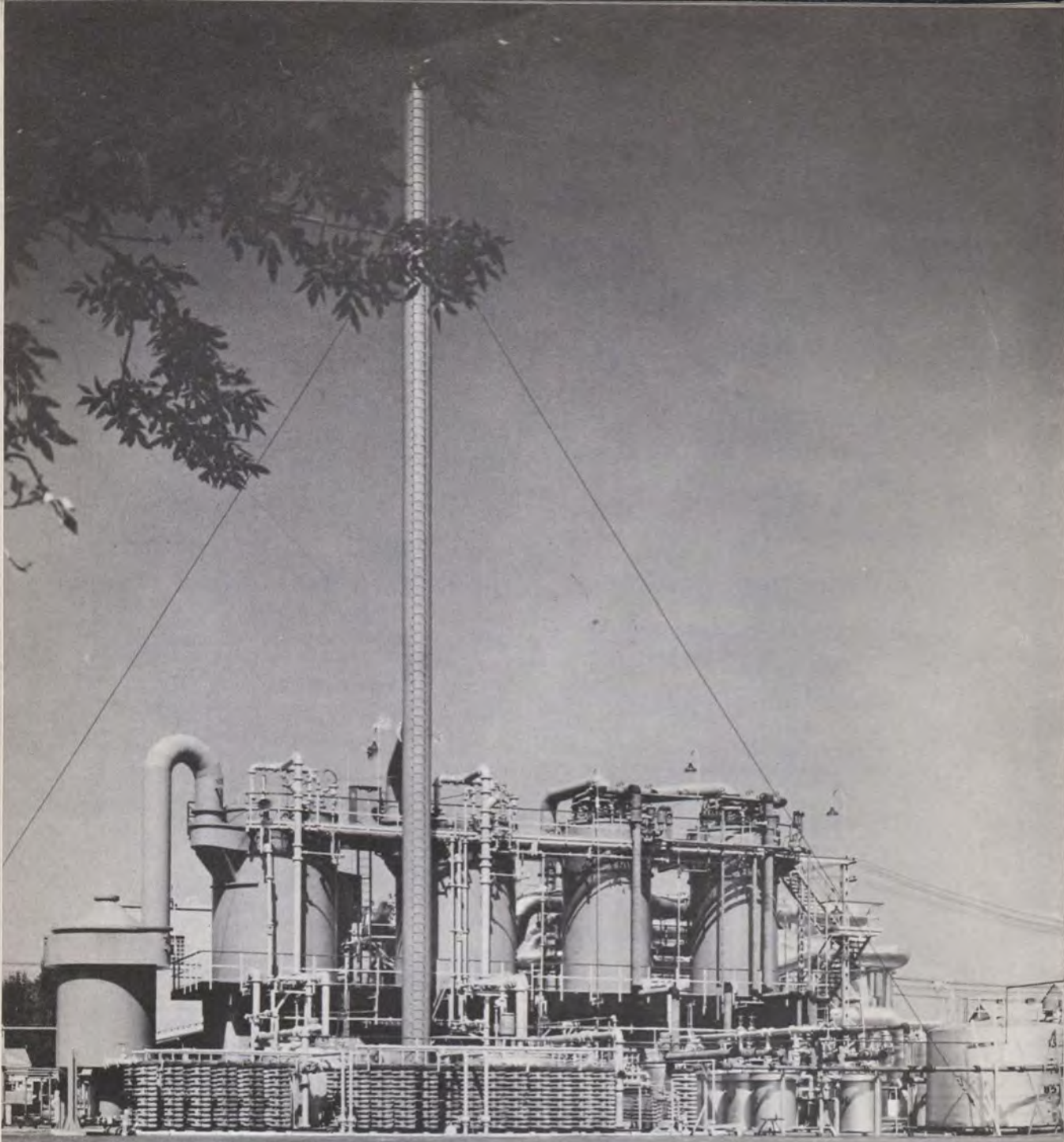
- USES: 1. Glues and adhesives
2. Textile chemicals
3. Ore dressing
MANUFACTURER: 1. Industrial Grain Products Ltd.

PRODUCT: 3 α , 12 α -Diacetoxypregnan-20-one

- USES: 1. Preparation of steroid hormones
MANUFACTURER: 1. Canada Packers Ltd., Fine
Chemicals Division

PRODUCT: Dibutyl Phthalate (DBP)

- USES: 1. Glues and adhesives
2. Paints, varnishes and lacquers
3. Plastics and synthetic resins
4. A plasticizer
MANUFACTURERS: 1. Howards & Sons (Canada) Ltd.
2. Shawinigan Chemicals Ltd.
- PRODUCT: Dichloralphenazone
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.
- PRODUCT: Dichloroethane (See Ethylene Dichloride)
- PRODUCT: 2,4-Dichlorophenoxyacetic Acid (See 2,4-D Acid)
- PRODUCT: 2,4-Dichlorophenoxyacetic Acid Ester (See 2,4-D Ester)
- PRODUCT: Dicyclohexyl Phthalate (DCHP)
USES: 1. Glues and adhesives
2. Plastics and synthetic resins
3. A plasticizer
MANUFACTURER: 1. Howards & Sons (Canada) Ltd.
- PRODUCT: Diethanolamine (DEA)
USES: 1. Absorbent for acid gas
2. Textile chemicals
3. Plastics and synthetic resins
4. Soaps and detergents
5. Herbicides and pesticides
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Carbide Chemicals Co., Division of Union Carbide Canada Ltd.
3. Dow Chemical of Canada, Ltd.
- PRODUCT: Diethylene Glycol (DEG)
USES: 1. Natural gas dehydration
2. Plastics and synthetic resins
3. Tanning and leather dressings
4. Textile chemicals
5. Polishes and dressings
6. Glues and adhesives
MANUFACTURERS: 1. Carbide Chemicals Co., Division of Union Carbide Canada Ltd.
2. Dow Chemical of Canada, Ltd.
- PRODUCT: N,N-Diethyl-m-Toluamide
USES: 1. Insect repellent for insecticides
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.
- PRODUCT: Dihydroxyaluminum Aminoacetate
- USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.
- PRODUCT: 3 α , 6 α -Dihydroxypregnan-20-one
USES: 1. Preparation of steroid hormones
MANUFACTURER: 1. Canada Packers Ltd., Fine Chemicals Division
- PRODUCT: Diisodecyl Phthalate (DIDP)
USES: 1. Plastics and synthetic resins as a plasticizer
MANUFACTURERS: 1. Monsanto Canada Ltd.
2. Canadian General Electric Co. Ltd.
- PRODUCT: Diisooctyl Adipate (DIOA)
USES: 1. Plastics and synthetic resins as a plasticizer
MANUFACTURER: 1. Monsanto Canada Ltd.
- PRODUCT: Diisooctyl Phthalate (DIOP)
USES: 1. Glues and adhesives
2. Inks
3. Paints, varnishes and lacquers
4. Plastics and synthetic resins
5. A plasticizer
MANUFACTURERS: 1. Canadian General Electric Co. Ltd., Chemical Materials Section
2. Howards & Sons (Canada) Ltd.
3. Monsanto Canada Ltd.
- PRODUCT: Dimethylcyclohexyl Phthalate
USES: 1. Inks
2. Paints, varnishes and lacquers
3. Polishes and dressings
4. Plastics and synthetic resins
MANUFACTURER: 1. Howards & Sons (Canada) Ltd.
- PRODUCT: Dioctyl Adipate (DOA)
USES: 1. Plastics and synthetic resins as a plasticizer
MANUFACTURERS: 1. Canadian Resins & Chemicals, Division of Shawinigan Chemicals Ltd.
2. Monsanto Canada Ltd.
- PRODUCT: Dioctyl Azelate
USES: 1. Plastics and synthetic resins as a plasticizer
MANUFACTURER: 1. Canadian Resins & Chemicals, Division of Shawinigan Chemicals Ltd.
- PRODUCT: Dioctyl Phthalate (DOP)
USES: 1. Plasticizers in synthetic resins and synthetic rubber
MANUFACTURERS: 1. Canadian Resins & Chemicals, Division of Shawinigan Chemicals Ltd.
2. Monsanto Canada Ltd.



This recently-built sulphuric-acid plant at a large explosives works in Beloeil, Quebec, can produce more than 150 tons a day. It manufactures the acid from raw sulphur and water. The row of towers behind the 150-foot flue includes an acid separator (left) for removing acid drops from air dried in the next tower, and three absorption towers.

PRODUCT: N,N'-Diphenyl-p-Phenylenediamine
USES: 1. Antioxidant in rubber processing
2. Intermediate for a number of chemicals
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Diphenylamine - Acetone Reaction
Product
USES: 1. Antioxidant in rubber processing
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Diphenylnitrosamine (See
N-Nitrosodiphenylamine)

PRODUCT: Diphenylpyraline Hydrochloride
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: Dipropylene Glycol
USES: 1. Solvent for nitrocellulose and shellac
2. Solvent mixtures
3. Coatings
4. Printing inks
5. Synthetic resins
6. Brake fluids
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Disalicylal Propylene Diimine
USES: 1. Copper deactivator for gasoline, oils and
rubber
MANUFACTURER: 1. Canadian Aniline & Extract
Co., Ltd.

PRODUCT: Disodium Ethylenebisdithiocarbamate
(See Nabam)

PRODUCT: Dispersing Agents
USES: 1. Paint industry
2. Textile industry
MANUFACTURERS: 1. Colloids of Canada Ltd.
2. Nopco Chemical Canada Ltd.
3. Reliable Chemical Products
Co.

PRODUCT: 2,6-Ditertiarybutyl-p-Cresol (BHT)
USES: 1. Stock and poultry feeds
2. Food products
3. Petroleum products
4. Plastics and synthetic resins
5. Processing of other chemicals
6. Soaps and detergents
7. An antioxidant
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Monsanto Chemical Canada Ltd.
3. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Dithiazanine Iodide
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: Dodecylbenzene (Detergent Alkylate)
USES: 1. Soaps and detergents
MANUFACTURER: 1. Imperial Oil Ltd., Chemical
Products Department

PRODUCT: Dodecylbenzene Sulphonic Acid
USES: 1. Soaps and detergents
2. Textile chemicals
3. Synthetic textiles
4. Beverage industry
5. Herbicides and pesticides
6. Disinfectants
7. Insecticides
8. Glues and adhesives
9. Inks
10. Pharmaceuticals and medicinals
11. Paints, varnishes and lacquers
12. Polishes and dressings
13. Petroleum products
14. Pulp and paper
15. Plastics and synthetic resins
16. Tanning and leather dressings
17. Toilet preparations and cosmetics
18. Processing of other chemicals
MANUFACTURER: 1. Chemical Developments of
Canada Ltd.

PRODUCT: Dodecyl Dimethylbenzyl Ammonium
Naphthenate
USES: 1. Fungicide
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Drawing & Forming Compounds
USES: 1. For drawing wire, rod and tube
2. For metal forming industry
MANUFACTURER: 1. Nopco Chemical Canada Ltd.

PRODUCT: Driers (Naphthenates, Octoates,
Tallates) (See Calcium, Cobalt, Lead,
Manganese and Zinc Naphthenates,
Octoates or Tallates and Zirconium
Octoate)
USES: 1. To accelerate drying periods of paints,
varnishes, printing inks, etc.
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Drying Oil, Petroleum
USES: 1. Core oil
2. Paints, varnishes and lacquers
3. Hardboard tempering
4. Glues and adhesives
5. Plastics and synthetic resins
6. Processing rubber
MANUFACTURER: 1. Imperial Oil Ltd., Chemical
Products Department

PRODUCT: Dyeing Assistants
USES: 1. Textile industry
2. Pulp and paper industry
3. Leather industry
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Colloids of Canada Ltd.

E

PRODUCT: Ectylurea
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: Delmar Chemicals Ltd.

PRODUCT: Emulsifying Agents
USES: 1. Inks
2. Insecticides, herbicides and pesticides
3. Disinfectants
4. Ore dressing
5. Pharmaceuticals
6. Paints industry
7. Polishes and dressings
8. Petroleum products
9. Pulp and paper
10. Plastics and synthetic resins
11. Tanning and leather dressings
12. Textile industry
13. Toilet preparations and cosmetics
14. Soaps and detergents
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.

PRODUCT: Epipregnanolone
USES: 1. Preparation of steroid hormones
MANUFACTURER: 1. Canada Packers Ltd., Fine Chemicals Division

PRODUCT: Ergot of Rye
USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Herb Distributors Inc.

PRODUCT: Essential Oils
USES: 1. Food products
2. Pharmaceuticals
3. Polishes and dressings
4. Toilet preparations and cosmetics
5. Soaps and detergents
MANUFACTURER: 1. Norda Ltd.

PRODUCT: Ethyl Acetate
USES: 1. Pharmaceuticals and medicinals
2. Nitrocellulose varnishes, lacquers and dopes
3. Plastics and synthetic resins
4. Rayon
5. Toilet preparations and cosmetics
6. Photographic industry

7. Organic synthesis
8. A solvent
9. Smokeless powders
MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Ethylene
USES: 1. Plastics and synthetic resins
2. Processing of other chemicals
MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: Ethylene Alcohol (See Ethylene Glycol)

PRODUCT: Ethylenediamine Tetracetic Acid
USES: 1. Beverage industry
2. Fertilizers
3. Food products
4. Glues and adhesives
5. Insecticides
6. Herbicides and pesticides
7. Metal cleaning and plating operations
8. Pharmaceuticals and medicinals
9. Paints, varnishes and lacquers
10. Polishes and dressings
11. Pulp and paper
12. Tannings and leather dressings
13. Textile chemicals
14. Synthetic textiles
15. Toilet preparations and cosmetics
16. Soaps and detergents
MANUFACTURER: 1. The Hart Products Co. of Canada Ltd.

PRODUCT: Ethylene Dichloride (Dichloroethane)
USES: 1. Processing of other chemicals
2. Solvent
3. Paint removers
4. Textile chemicals
5. Soaps and detergents
6. Ore dressing
MANUFACTURER: 1. Dow Chemical of Canada, Ltd.

PRODUCT: Ethylene Glycol (Ethylene Alcohol)
USES: 1. Antifreeze
2. Plastics and synthetic resins
3. Tanning and leather dressings
4. Solvent
5. Textile processing
6. Tobacco
7. Glues and adhesives
8. Manufacture of low freezing dynamite
9. Brake fluids
10. Printing inks
11. Pharmaceuticals
MANUFACTURERS: 1. Carbide Chemicals Co., Division of Union Carbide Canada Ltd.
2. Dow Chemical of Canada, Ltd.

PRODUCT: Ethylene Thiourea
USES: 1. Soaps and detergents

2. Rubber processing
3. Insecticides
4. Fungicides
5. Electroplating baths
MANUFACTURER: 1. Monsanto Canada Ltd.

PRODUCT: 2-Ethyl Hexanol (Octyl Alcohol)
USES: 1. Manufacture of plasticizers
2. Solvent
3. Textile finishing compounds
4. Inks
5. Rubber
6. Paper
7. Lubricants

MANUFACTURER: 1. Canadian Resins & Chemicals,
Division of Shawinigan
Chemicals Ltd.

PRODUCT: Extenders
USES: 1. Glues and adhesives
2. Paints, varnishes and lacquers
3. Plastics and synthetic resins
4. Toilet preparations and cosmetics
5. Soaps and detergents

MANUFACTURER: 1. Nopco Chemical Canada Ltd.

F

PRODUCT: Fat Liquoring Chemicals
USES: 1. Tanning and leather dressings
MANUFACTURERS: 1. Nopco Chemical Canada Ltd.
2. Quaker City Chemical Co. of
Canada Ltd.

PRODUCT: Fatty Acid Alkanolamides
USES: 1. Foam stabilizers in liquid soaps, in
household and industrial detergents and in
shampoo bases
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Fatty Acid Esters
USES: 1. Food products
2. Petroleum products
3. Toilet preparations and cosmetics
4. Soaps and detergents
MANUFACTURERS: 1. Atlas Powder Co. Canada
Ltd.
2. Canadian Aniline & Extract
Co., Ltd.
3. Nopco Chemical Canada Ltd.

PRODUCT: Fatty Acids, Tallow
USES: 1. Petroleum products
2. Toilet preparations and cosmetics
3. Soaps and detergents
4. Processing of other chemicals
MANUFACTURERS: 1. Canada Packers Ltd.
2. W.C. Hardesty Co. of
Canada Ltd.

PRODUCT: Fatty Acids, Vegetable
USES: 1. Petroleum products
2. Toilet preparations and cosmetics
3. Soaps and detergents
4. Processing of other chemicals
MANUFACTURERS: 1. Canada Packers Ltd.
2. W.C. Hardesty Co. of
Canada Ltd.

PRODUCT: Feed Supplements (Vitamin
Concentrates)
USES: 1. Poultry and livestock feeds
MANUFACTURER: 1. Western Chemical Industries
Ltd.

PRODUCT: Ferrophosphorus
USES: 1. Steel manufacture
2. High density concrete aggregates
3. Oil well drilling muds
MANUFACTURER: 1. Electric Reduction Sales
Co. Ltd.

PRODUCT: Fertilizers (See Ammonia, Ammonium
Nitrate, Ammonium Nitrate Phosphate,
Ammonium Phosphate, Ammonium
Phosphate Sulphate and Ammonium
Sulphate.)

PRODUCT: Fibre Lubricants
USES: 1. Textile chemicals
2. Synthetic textiles
3. Plastics and synthetic resins
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.
4. Reliable Chemical Products
Co.

PRODUCT: Finishing & Softening Agents
USES: 1. Pulp and paper
2. Textile industry
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.
4. Quaker City Chemical Co. of
Canada Ltd.

PRODUCT: Fir Needle Oil (Pine Needle Oil)
USES: 1. Herbicides and pesticides
2. Pharmaceuticals and medicinals
3. Toilet preparations and cosmetics
4. Soaps and detergents
MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Essential Oils Co.
3. Fernand Langlois
4. Norda Ltd.

PRODUCT: Flavouring Compounds
USES: 1. Beverage industry
2. Food products

3. Pharmaceuticals and medicinals
4. Stock and poultry feeds
MANUFACTURERS: 1. Compagnie Parento Ltd.
2. Norda Ltd.

PRODUCT: Fluid Cracking Catalyst
USES: 1. Petroleum refining
MANUFACTURER: 1. Davison Chemical Co. Ltd.

PRODUCT: Fluorspar
USES: 1. Flux in smelting ferrous and non-ferrous metals
2. Ceramics
3. Manufacture of hydrofluoric acid
4. In carbon electrodes and emery wheels
5. Cements
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Foam Stabilizers (See Fatty Acid Alkanolamides)

PRODUCT: Formaldehyde
USES: 1. Disinfectants and bactericides
2. Glues and adhesives
3. Pharmaceuticals and medicinals
4. Paints, varnishes and lacquers
5. Plastics and synthetic resins
6. Textile chemicals
7. Processing of other chemicals
8. Ore dressings
9. Tanning and leather dressings
10. Photography
11. Dyes
12. Embalming fluids
13. Rubber
14. Metallurgy of gold and silver
MANUFACTURERS: 1. Canadian Chemical Co., Ltd.
2. St. Maurice Chemicals, Division of Shawinigan Chemicals Ltd.

PRODUCT: Frothing Agents
USES: 1. Ore dressings
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Fumaric-Rosin Esters
USES: 1. Polishes and dressings
MANUFACTURER: 1. Schenectady Varnish Canada Ltd.

PRODUCT: Fusel Oil (Grain Oil)
USES: 1. Glues and adhesives
2. Paints, varnishes and lacquers
3. Nitrocellulose plastics
4. A solvent and intermediate
5. Soaps and detergents
6. Polishes and dressings
MANUFACTURERS: 1. Alberta Distillers Ltd.
2. Cosmos Chemical Co. Ltd.
3. Reliance Chemicals Ltd.

G

PRODUCT: Gelatin
USES: 1. Food products
MANUFACTURER: 1. Swift Canadian Co., Ltd.

PRODUCT: Ginseng Root
USES: 1. Pharmaceuticals and medicinals
2. Toilet preparations and cosmetics
MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Herb Distributors Inc.
3. Hellyer Bros.
4. F. E. Lingeman

PRODUCT: Glutamic Acid
USES: 1. Pharmaceuticals and medicinals
2. Processing of other chemicals
3. Biological research
MANUFACTURERS: 1. Champlain Chemicals Ltd.
2. Industrial Grain Products Ltd.

PRODUCT: Glutamic Acid Hydrochloride
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Industrial Grain Products Ltd.

PRODUCT: Gluten, Wheat
USES: 1. Processing of other chemicals
2. Food products
3. Stock feeds
MANUFACTURER: 1. Industrial Grain Products Ltd.

PRODUCT: Glycerin (See Glycerol)

PRODUCT: Glycerol (Glycerin)
USES: 1. Glues and adhesives
2. Alkyd resins for paints
3. Processing of other chemicals
4. Explosives
5. Soaps
6. Inks
7. Paper coatings and finishes
8. Conditioning tobacco
9. Cosmetics
MANUFACTURERS: 1. Canada Packers Ltd.
2. W.C. Hardesty Co. of Canada Ltd.

PRODUCT: Gold Chloride
USES: 1. Pharmaceuticals and medicinals
2. Photography
3. Electroplating
4. Ceramic and glass industry
MANUFACTURERS: 1. Engelhard Industries of Canada Ltd.
2. Johnson Matthey & Mallory Ltd.

PRODUCT: Gold Cyanides
USES: 1. Electroplating
MANUFACTURERS: 1. Engelhard Industries of

Canada Ltd.
2. Johnson Matthey & Mallory Ltd.

PRODUCT: Golden Seal Root (Hydrastis)
USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Herb Distributors Inc.

PRODUCT: Grain Oil (See Fusel Oil)

PRODUCT: Guanadine Nitrate
USES: 1. Explosives
2. Pharmaceuticals and medicinals
3. Photographic chemicals
MANUFACTURER: 1. Cyanamid of Canada Ltd.

H

PRODUCT: Hellebore Root
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Cominso (Canada) Ltd.

PRODUCT: Heparin
USES: 1. Medicine
MANUFACTURERS: 1. Canada Packers Ltd.
2. Connaught Medical Research Laboratories, University of Toronto

PRODUCT: Hexachloroethane (Carbon Trichloride)
USES: 1. Rubber chemicals
2. Solvent
3. Explosives
MANUFACTURER: 1. Canadian Arsenals Ltd.

PRODUCT: Hexahydramethyl Phenol (See Methyl Cyclohexanol)

PRODUCT: Hexahydrophenol (See Cyclohexanol)

PRODUCT: Hexamine Mandelate
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: Hexanedioic Acid (See Adipic Acid)

PRODUCT: Hydrastis (See Golden Seal Root)

PRODUCT: Hydrochloric Acid (Muriatic Acid)
USES: 1. Leather industry
2. Metallurgy
3. Organic synthesis
4. Paint pigments
5. Electroplating
6. Glues and adhesives
7. Textile processing
8. Inks
9. Processing of other chemicals
10. Food industry

MANUFACTURERS: 1. Canadian Industries Ltd.
2. Dow Chemical of Canada Ltd.

PRODUCT: Hydrogen Peroxide
USES: 1. Bleaching agent in textile, wood pulp, hair, fur, straw, glue, waxes, soap, etc.
2. Processing of other chemicals
3. Rocket fuels
4. Manufacture of foam rubber
5. Dyeing
6. Antiseptic
7. Electroplating
8. Food preservative
MANUFACTURER: 1. Canadian Industries Ltd.

PRODUCT: Hydrogenated Glycerides
USES: 1. Glues and adhesives
2. Paints, varnishes and lacquers
3. Processing of other chemicals
MANUFACTURER: 1. W.C. Hardesty Co. of Canada Ltd.

PRODUCT: 12-Hydraxystearic Acid
USES: 1. Lithium greases
2. Chemical intermediates
MANUFACTURER: 1. W.C. Hardesty Co. of Canada Ltd.

I

PRODUCT: Insulin
USES: 1. Medicine
MANUFACTURER: 1. Connaught Medical Research Laboratories, University of Toronto

PRODUCT: Iron Oxides, Natural
USES: 1. Fertilizers
2. Inks
3. Paints, varnishes and lacquers
4. Plastics and synthetic resins
5. Polishes and dressings
6. Stock and poultry feeds
MANUFACTURER: 1. Abbey Chemical Co.

PRODUCT: Iron Oxides, Synthetic
USES: 1. Fertilizers
2. Glues and adhesives
3. Inks
4. Insecticides
5. Herbicides and pesticides
6. Pharmaceuticals and medicinals
7. Paints, varnishes and lacquers
8. Polishes and dressings
9. Petroleum refining and products
10. Pulp and paper
11. Plastics and synthetic resins
12. Tanning and leather dressings
13. Stock and poultry feeds
14. Concrete units
15. Ceramics

16. Flooring, roofing and siding
17. Rubber products
18. Flooring tile
MANUFACTURER: 1. Northern Pigment Co. Ltd.

PRODUCT: Isoamyl Alcohol (Isobutyl Carbinol)
USES: 1. Food products
2. Pharmaceuticals and medicinals
3. Processing of other chemicals
4. Photographic chemicals
5. Solvent
MANUFACTURER: 1. Cosmos Chemical Co. Ltd.

PRODUCT: Isobutanol (Isobutyl Alcohol)
USES: 1. Herbicides and pesticides
2. Paint removers
3. Plastics and synthetic resins
4. Glues and adhesives
5. Processing of other chemicals
6. Solvent
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Isobutyl Acetate
USES: 1. Solvent for nitrocellulose and lacquers
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Isobutyl Alcohol (See Isobutanol)

PRODUCT: Isobutyl Carbinol (See Isoamyl Alcohol)

K

PRODUCT: Kanamycin
USES: 1. Medicine
MANUFACTURER: 1. Merck & Co. Ltd.

L

PRODUCT: Lactose
USES: 1. Food products
2. Pharmaceuticals and medicinals
MANUFACTURER: 1. Peebles Products Ltd.

PRODUCT: Lard Oils
USES: 1. Oiling of wool yarns in processing
2. Metal cutting oils and compounds
3. Lubricants
4. Soap manufacture
5. Pharmaceuticals and medicinals
6. Tanning of leather dressings
7. Processing of other chemicals
MANUFACTURER: 1. Nopco Chemical Canada Ltd.

PRODUCT: Latex, Synthetic Rubber
USES: 1. Used extensively in the formulation of
paints and in coating paper
2. Foam rubber
MANUFACTURERS: 1. Dow Chemical of Canada, Ltd.
2. Polymer Corporation Ltd.

PRODUCT: Laurylamine Tetrachlorophenate
USES: 1. Fungicide
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Lead Arsenate
USES: 1. Insecticides
2. Herbicides and pesticides
MANUFACTURER: 1. Niagara Brand Chemicals,
Division of FMC Machinery &
Chemicals, Ltd.

PRODUCT: Lead Formate
USES: 1. Paint and paint products
MANUFACTURER: 1. McArthur, Irwin, (1957) Ltd.

PRODUCT: Lead Naphthenate, Octoate or Tallate
USES: 1. Driers for printing ink and paint industry
2. Wood preservative
MANUFACTURER: 1. Nuodex Products of Canada
Ltd.

PRODUCT: Lead Oxide (See Litharge and Red Lead)

PRODUCT: Lead Sulphate (Basic)
USES: 1. Paints
2. Plastics and synthetic resins
3. Rubber Industry
MANUFACTURER: 1. McArthur, Irwin, (1957) Ltd.

PRODUCT: Lecithin
USES: 1. Food products
2. Inks
3. Pharmaceuticals and medicinals
4. Paints, varnishes and lacquers
5. Polishes and dressings
6. Plastics and synthetic resins
7. Toilet preparations and cosmetics
8. Soaps and detergents
9. Stock and poultry feeds
10. Tanning and leather dressings
MANUFACTURERS: 1. Canadian Lecithin Co. Ltd.
2. Canadian Vegetable Oil
Processing Ltd.
3. Lecithin Products (Canada)
Ltd.
4. Toronto Elevators Ltd.

PRODUCT: Lime, Burned (Quicklime, Calcium Oxide)
USES: 1. Mortar and plaster
2. Ore dressing, metal refining and processing
3. Pulp and paper
4. Tanning and leather dressings
5. Ceramics
MANUFACTURERS: 1. Shawinigan Chemicals Ltd.
2. Snowflake Lime Ltd.

PRODUCT: Lime, Hydrated (Calcium Hydroxide)
USES: 1. Pulp and paper
2. Metal refining and processing
3. Insecticides
4. Processing of other chemicals
5. Building products
6. Tanning and leather dressings

7. Fertilizers
8. Glues and adhesives
9. Beverage industry
10. Paints
MANUFACTURERS: 1. Aluminum Co., of Canada Ltd.
2. Shawinigan Chemicals Ltd.
3. Snowflake Lime Ltd.

PRODUCT: Limestone, Agricultural
USES: 1. Fertilizers
MANUFACTURER: 1. Aluminum Co., of Canada Ltd.

PRODUCT: Linseed Oil
USES: 1. Paints, varnishes and lacquers
2. Stock and poultry feeds
3. Linoleum and oilcloth
4. Printing inks
5. Synthetic resins
6. Core oils
7. Soap
MANUFACTURERS: 1. The Alberta Linseed Oil Co. Ltd.
2. The Canada Linseed Oil Mills, Ltd.
3. Interprovincial Co-operatives Ltd., Export Department
4. The Sherwin-Williams Co. of Canada Ltd., Oil Division
5. Toronto Elevators Ltd.

PRODUCT: Litharge (Yellow Lead Oxide)
USES: 1. Paints, varnishes and enamels
2. Insecticides
3. Inks
4. Petroleum refining and products
5. Pulp and paper
6. Storage batteries
7. Rubber compounding
8. Glass, pottery and enamel
9. Leather tanning
10. Putty glues
MANUFACTURERS: 1. The Canada Metal Co. Ltd.
2. The Carter White Lead Co. of Canada Ltd.
3. McArthur, Irwin, (1957) Ltd.

PRODUCT: Lithium Carbonate
USES: 1. Glass industry
2. Processing of other chemicals
3. Toilet preparations
4. Pharmaceuticals and medicinals
5. Beverage industry
MANUFACTURER: 1. Quebec Lithium Corporation

PRODUCT: Lithium Hydraxide
USES: 1. Lubricating greases
2. Processing of other chemicals
3. Toilet preparations and cosmetics
4. Soaps and detergents
MANUFACTURER: 1. Quebec Lithium Corporation

PRODUCT: Liver Extracts
USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Canada Packers Ltd., Fine Chemicals Division
2. Fine Chemicals of Canada Ltd.

PRODUCT: Lycopodium
USES: 1. Metallurgy
2. Pharmaceuticals and medicinals
3. Polishes and dressings
4. Toilet preparations and cosmetics
MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Herb Distributors Inc.

M

PRODUCT: Magnesia (Magnesium Oxide)
USES: 1. Processing of other chemicals
2. Refractories and insulation
3. Metal refining and processing
4. Paper
5. Textiles, synthetic
6. Fertilizers
MANUFACTURER: 1. Aluminum Co. of Canada, Ltd.

PRODUCT: Magnesium Oxide (See Magnesia)

PRODUCT: Magnesium Stearate
USES: 1. Pharmaceuticals and medicinals
2. Toilet preparations
3. Glues and adhesives
4. Paint driers
5. Soaps and detergents
6. Plastics and synthetic resins
MANUFACTURERS: 1. Nuodex Products of Canada, Ltd.
2. Soden Chemicals, Division of Witco Chemical Co. Canada Ltd.

PRODUCT: Maleic Anhydride
USES: 1. Manufacture of alkyd and polyester resins
MANUFACTURER: 1. Monsanto Canada Ltd.

PRODUCT: Manganese Naphthenate, Octoate or Tallate
USES: 1. Driers for printing ink and the paint industry
MANUFACTURER: 1. Nuodex Products of Canada, Ltd.

PRODUCT: Melamine-Urea-Formaldehyde Adhesives
USES: 1. Glues and adhesives
2. Plywood industrial
3. Wood bonding applications
MANUFACTURER: 1. Cyanamid of Canada Ltd.

PRODUCT: Meprobamate

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Fine Chemicals of Canada Ltd.

PRODUCT: Mercaptobenzothiazole (MBT)
USES: 1. Accelerator in vulcanization of rubber
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Mercaptobenzothiazole Disulphide
USES: 1. Accelerator in vulcanization of rubber
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Methanol (Methyl Alcohol)
USES: 1. Manufacture of formaldehyde
2. Antifreeze
3. Chemical processing
4. Solvent
5. Paints and paint removers
6. Inks
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Methyl Acetate
USES: 1. Paints, varnishes and lacquers
2. Textile chemicals
3. Solvent for nitrocellulose, cellulose esters, etc.
4. Perfumery
5. Artificial leather
6. Plastics
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Methyl Alcohol (See Methanol)

PRODUCT: Methyl Amyl Acetate
USES: 1. Solvent for nitrocellulose lacquers
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Methyl Amyl Alcohol (Methyl Isobutyl Carbinol)
USES: 1. Paints, varnishes and lacquers
2. Organic synthesis
3. Solvent
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Methyl Cyclohexanol (Hexahydromethyl Phenol)
USES: 1. Glues and adhesives
2. Inks
3. Paints, varnishes and lacquers
4. Tanning and leather dressings
5. Textile chemicals
6. Soaps and detergents
7. Processing of other chemicals
MANUFACTURER: 1. Howards & Sons (Canada) Ltd.

PRODUCT: Methylene Chloride
USES: 1. Paints, varnishes and lacquers
2. Paint remover

3. Aerosols
4. Solvent for many applications
MANUFACTURER: 1. Dow Chemical of Canada, Ltd.

PRODUCT: Methylethylene Glycol (See Propylene Glycol)

PRODUCT: Methyl Ethyl Ketone (MEK)
USES: 1. Paints, varnishes and lacquers
2. Organic synthesis
3. Solvent
4. Cleaning fluids
5. Shoe manufacture
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Methyl Isobutyl Carbinol (See Methyl Amyl Alcohol)

PRODUCT: Methyl Isobutyl Ketone (MIBK)
USES: 1. Paints, varnishes and lacquers
2. Adhesives and rubber cements
3. Solvent
4. Organic synthesis
MANUFACTURER: 1. Canadian Chemical Co., Ltd.

PRODUCT: Microcrystalline Wax
USES: 1. Blending with paraffin wax for milk containers and food wrapping paper
2. Wire insulation compounds
3. Printing inks
4. Ski waxes
5. Leather treatment
6. Rust preventives
7. Cosmetics
8. Waterproofing
9. Lubricants
MANUFACTURER: 1. International Waxes Ltd.

PRODUCT: Molybdenum Disulphide (Molybdenite)
USES: 1. Lubricants and greases
MANUFACTURER: 1. Molybdenite Corporation of Canada Ltd.

PRODUCT: Molybdc Oxide
USES: 1. Alloying
2. Ceramic glazes and enamels
3. Pigments
MANUFACTURER: 1. Molybdenite Corporation of Canada Ltd.

PRODUCT: Monocalcium Phosphate
USES: 1. Food products
2. Stock and poultry feeds
3. Vitreous enamel frits
MANUFACTURER: 1. Electric Reduction Sales Co. Ltd.

PRODUCT: Monochloroacetic Acid
USES: 1. Food products
2. Insecticides
3. Herbicides and pesticides
MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Monoethanolamine (MEA)
USES: 1. Petroleum refining
2. Textile chemicals
3. Toilet preparations and cosmetics
4. Soaps and detergents
5. Polishes and dressings
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Carbide Chemicals Co., Division of Union Carbide Canada Ltd.
3. Dow Chemical of Canada, Ltd.

PRODUCT: Monoglycerides
USES: 1. Food products
2. Toilet preparations and cosmetics
MANUFACTURER: 1. Atlas Powder Co. Canada Ltd.

PRODUCT: Mud Thinners, Oil Well Drilling
USES: 1. For oil well drilling, e.g., one type for use in sodium and lime muds; another type for gypsum muds, etc.
MANUFACTURERS: 1. Lignosol Chemicals Ltd.
2. Rayonier Canada Sales Ltd.

PRODUCT: Muriatic Acid (See Hydrochloric Acid)

N

PRODUCT: Nabam (Disodium Ethylenebisdithiocarbamate)
USES: 1. Agricultural fungicides
MANUFACTURER: 1. Rohm & Haas Co. of Canada, Ltd.

PRODUCT: Naphtha, Petroleum
USES: 1. Paints, varnishes and lacquers
2. General purpose solvents
MANUFACTURER: 1. Texaco Canada Ltd.

PRODUCT: Naphthenates (See Calcium, Cobalt, Copper, Lead, Manganese or Zinc Naphthenate)

PRODUCT: Neatsfoot Oils
USES: 1. Lubricating compositions
2. Dressing, finishing, tanning, oiling, waterproofing and softening leathers
3. Cutting oils
4. Waterproofing agent
5. Oiling wool
MANUFACTURER: 1. Nopco Chemical Canada Ltd.

PRODUCT: Nickel Oxide, Green
USES: 1. Paints, varnishes and lacquers
2. Frits
3. Ferrite cores
MANUFACTURER: 1. Deloro Smelting & Refining Co. Ltd.

PRODUCT: Nicotinic Acid (See Niacin)

PRODUCT: Nitric Acid
USES: 1. Processing of other chemicals
2. Metallurgy
3. Fertilizers
4. Manufacture of dyes, drugs, explosives, etc.
5. Pharmaceuticals
6. Ore flotation
7. Photo-engraving
MANUFACTURERS: 1. Canadian Industries Ltd.
2. Cyanamid of Canada Ltd.

PRODUCT: Nitrofurantoin
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: N-Nitrosodiphenylamine (Diphenyl-nitrosamine)
USES: 1. A retarder in vulcanization of rubber
2. Pesticides
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Nitrous Oxide
USES: 1. Medical gases
2. Food aerosols
MANUFACTURER: 1. Canadian Liquid Air Co., Ltd.

PRODUCT: Nonene (See Tripropylene)

PRODUCT: Nonyl Phenol
USES: 1. Soaps and detergents
2. Textile chemicals
3. Lubricating oil additives
4. Petroleum demulsifiers
5. Plasticizers
6. Rubber processing
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: NPH Insulin
USES: 1. Medicine
MANUFACTURER: 1. Connaught Medical Research Laboratories, University of Toronto

PRODUCT: Nylon Polymer Flake
USES: 1. Manufacture of nylon yarn, staple fibre, and monofilament
MANUFACTURER: 1. DuPont of Canada Ltd.

O

PRODUCT: Octoates (See Calcium, Cobalt, Lead, Manganese or Zinc Naphthenate or

Zirconium Octoate)

PRODUCT: Octyl Alcohol (See 2-Ethyl Hexanol)

PRODUCT: Oil Additives

USES: 1. Petroleum products

MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Monsanto Canada Ltd.

PRODUCT: Oleic Acid (Red Oil)

USES: 1. Inks

2. Ore dressing
3. Polishes and dressings
4. Textile chemicals
5. Toilet preparations and cosmetics
6. Soaps and detergents
7. Processing of other chemicals

MANUFACTURERS: 1. Canada Packers Ltd.
2. W.C. Hardesty Co. of Canada Ltd.

PRODUCT: Organic Scintillation Fluors

USES: 1. Scintillation counter manufacture
2. Atomic and nuclear research

MANUFACTURER: 1. Kent Chemicals Ltd.

PRODUCT: Oxidation Retarders

USES: 1. Pharmaceuticals and medicinals

MANUFACTURER: 1. Fine Chemicals of Canada, Ltd.

PRODUCT: Oxygen

USES: 1. Cutting and welding applications

2. Medical gases
3. Ferrous and non-ferrous metallurgy

MANUFACTURER: 1. Canadian Liquid Air Co., Ltd.

P

PRODUCT: Palladium Chloride

USES: 1. Medicine

2. Photography
3. Analytical chemistry
4. Inks
5. Textile industry
6. Detecting carbon monoxide gas

MANUFACTURER: 1. Engelhard Industries of Canada Ltd.

PRODUCT: Pancreatin

USES: 1. Pharmaceuticals and medicinals

MANUFACTURER: 1. Fine Chemicals of Canada, Ltd.

PRODUCT: Paper Wet Strength Agents

USES: 1. Pulp and paper

MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Monsanto Canada Ltd.

PRODUCT: Penetrating Agents

USES: 1. Textile industry

MANUFACTURERS: 1. Colloids of Canada Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Pentaerythritol (PE)

USES: 1. Prints, varnishes and lacquers

2. Explosives manufacture
3. Inks
4. Plasticizer in plastics and synthetic resins

MANUFACTURERS: 1. Canadian Chemical Co., Ltd.
2. St. Maurice Chemicals, Division of Shawinigan Chemicals Ltd.

PRODUCT: Pentasol Acetate

USES: 1. Pharmaceuticals and medicinals

2. Prints, varnishes and lacquers

MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Pepsin

USES: 1. Pharmaceuticals and medicinals

MANUFACTURER: 1. Canada Packers Ltd., Fine Chemicals Division

PRODUCT: Perchloroethylene (Tetrachloroethylene)

USES: 1. Solvent

2. Dry cleaning
3. Degreasing of metals

MANUFACTURERS: 1. Canadian Industries Ltd.
2. Dow Chemical of Canada, Ltd.

PRODUCT: Perfume Oils (See Aromatic Compounds)

PRODUCT: Phenacetin (Acetophenetidine)

USES: 1. Pharmaceuticals and medicinals

MANUFACTURER: 1. Monsanto Canada Ltd.

PRODUCT: Phenmetrazine Hydrochloride

USES: 1. Pharmaceuticals and medicinals

MANUFACTURER: 1. Delmar Chemicals Ltd.

PRODUCT: Phenol (Carbolic Acid)

USES: 1. Plastics and synthetic resins

2. Petroleum products
3. Glues and adhesives
4. Disinfectants
5. Pharmaceuticals and medicinals
6. Processing of other chemicals
7. Inks
8. Tanning and leather dressings
9. Herbicides

MANUFACTURERS: 1. B.A. - Shawinigan Ltd.
2. Dominion Tar & Chemical Co. Ltd., Coal Tar Products, Division

PRODUCT: Phenol-Formaldehyde Adhesives

USES: 1. Glues and adhesives

MANUFACTURERS: 1. Canadian-Marietta Ltd.
2. Monsanto Canada Ltd.
3. Reichhold Chemicals (Canada) Ltd.

PRODUCT: Phenol-Formaldehyde for Coatings
USES: 1. Paint, varnish and lacquer industry
MANUFACTURERS: 1. Bakelite Co., Division of
Union Carbide Canada Ltd.
2. Schenectady Varnish Canada
Ltd.

PRODUCT: Phenol-Formaldehyde Resins &
Compounds
USES: 1. Paints, varnishes and lacquers
2. Plastics industry
3. Laminated and impregnated materials
MANUFACTURER: 1. Bakelite Co., Division of
Union Carbide Canada Ltd.

PRODUCT: Phenol Sulphonic Acid
USES: 1. Electro tin plating
2. Tanning materials
MANUFACTURER: 1. Canadian Aniline & Extract
Co., Ltd.

PRODUCT: Phenyl-beta-Naphthylamine
USES: 1. Antioxidant in rubber processing
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Phosphoric Acid
USES: 1. Beverage industry
2. Fertilizers
3. Food products
4. Glues and adhesives
5. Ore dressing, metal refining and
processing
6. Pharmaceuticals and medicinals
7. Paints, varnishes and lacquers
8. Petroleum refining and products
9. Plastics and synthetic resins
10. Tanning and leather dressings
11. Textile chemicals
12. Stock and poultry feeds
13. Processing of other chemicals
14. Water treatment
15. Sugar refining
MANUFACTURER: 1. Electric Reduction Sales Co.
Ltd.

PRODUCT: Phosphorus, Red
USES: 1. Match manufacture
2. Pyrotechnics
3. Metal treatment
MANUFACTURER: 1. Electric Reduction Sales Co.
Ltd.

PRODUCT: Phosphorus Sesquisulphide
USES: 1. Processing of other chemicals
2. Match manufacture
3. Pyrotechnics
MANUFACTURER: 1. Electric Reduction Sales Co.
Ltd.

PRODUCT: Phosphorus, White (See Phosphorus,
Yellow)

PRODUCT: Phosphorus, Yellow (White Phosphorus)
USES: 1. Processing of other chemicals
2. Intermediate for chemical manufacture
3. Phosphor copper and phosphor bronze
4. Munitions (smoke shells)
MANUFACTURER: 1. Electric Reduction Sales Co.
Ltd.

PRODUCT: Phthalic Anhydride
USES: 1. Alkyd resins
2. Phthalic esters
3. Paints, varnishes and lacquers
4. Plastics and synthetic resins
5. Processing of other chemicals
MANUFACTURERS: 1. Dominion Tar & Chemical
Co., Ltd., Coal Tar Products
Division
2. Reichhold Chemicals
(Canada) Ltd.

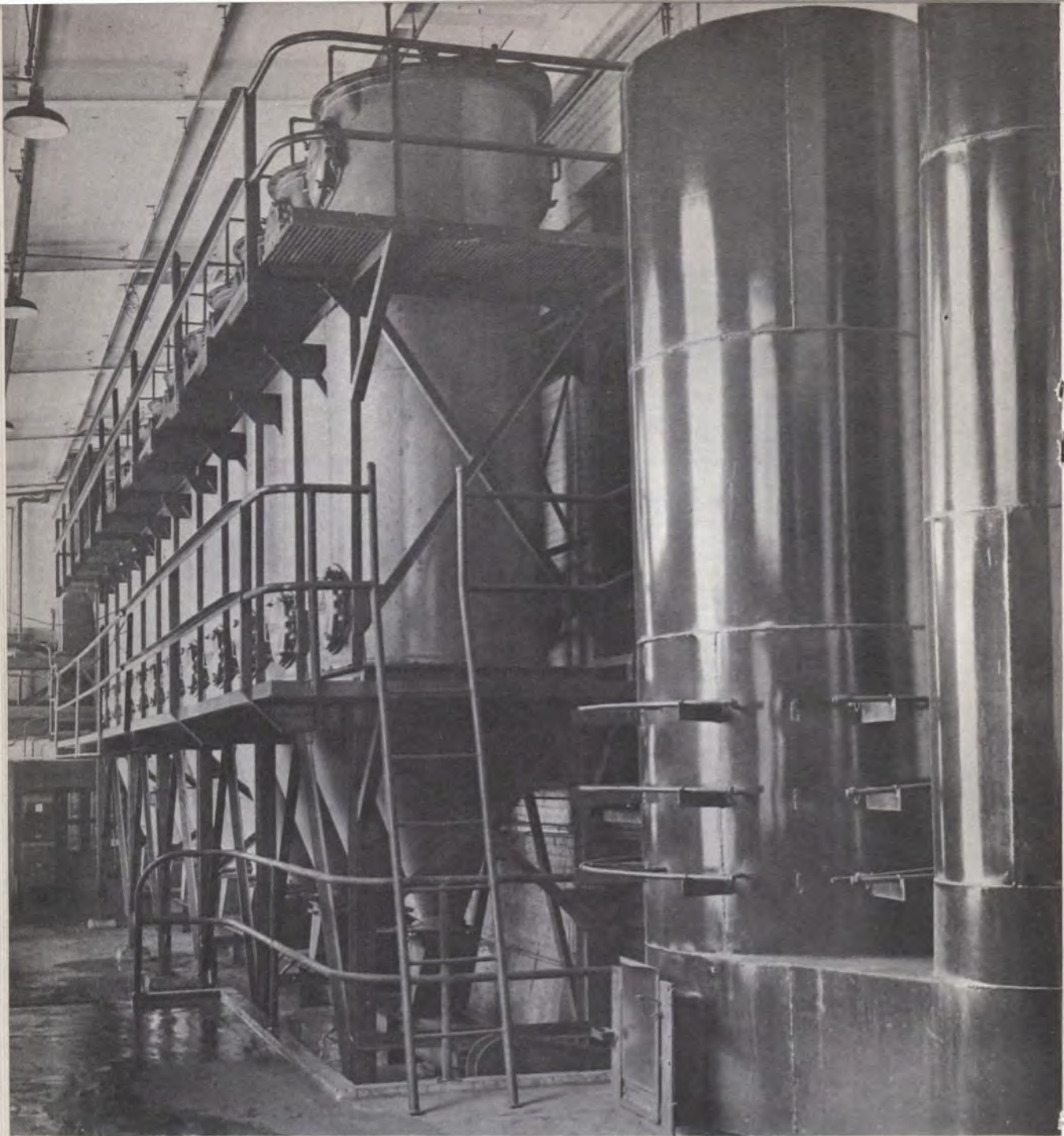
PRODUCT: Phthalic Anhydride Retarder
USES: 1. Retarder in vulcanization of rubber
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Pigments
USES: 1. Paints, varnishes and lacquers
2. Inks
3. Plastics and synthetic resins
MANUFACTURERS: 1. Dominion Colour Corporation
Ltd.
2. The Imperial Flo-Glaze Paints
Ltd.
3. Imperial Paper & Colour
Corporation (Canada) Ltd.
4. McArthur, Irwin, (1957) Ltd.

PRODUCT: Pine Needle Oil (See Fir Needle Oil)

PRODUCT: Pitch, Coal Tar
USES: 1. Manufacture of electrodes
2. Ore dressing, metal refining and processing
MANUFACTURER: 1. Dominion Tar & Chemical Co.,
Ltd., Coal Tar Products
Division

PRODUCT: Plasticizing Agents
USES: 1. Glues and adhesives
2. Paint industry
3. Pulp and paper
4. Plastics and synthetic resins
5. Tanning and leather dressings
6. Textile industry
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Canadian General Electric
Co. Ltd.
3. Canadian Resins &



This battery of filters stands in an acetylene-black plant at Shawinigan Falls, Quebec. Canadian producers take advantage of such favourable factors as low-cost power in some areas and abundant low-cost raw materials in others to compete successfully on world markets.

Chemicals, Division of
Shawinigan Chemicals Ltd.
4. Colloids of Canada Ltd.
5. Howards & Sons (Canada)
Ltd.
6. Monsanto Canada Ltd.
7. Nopco Chemical Canada Ltd.
8. Rohm & Haas Co. of Canada
Ltd.

PRODUCT: Platinum Chloride
USES: 1. Chemical reagent
MANUFACTURER: 1. Engelhard Industries of
Canada Ltd.

PRODUCT: Polyester Resins
USES: 1. Plastics and synthetic resins
MANUFACTURERS: 1. Canadian General Electric
Co. Ltd., Chemical
Materials Section
2. Canadian Pittsburgh
Industries Ltd.
3. Chemical Oil & Resin Co.
4. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.
5. Reichhold Chemicals (Canada)
Ltd.

PRODUCT: Polyethylene Resin, High Density
USES: 1. Plastics industry
2. Packaging in following industries:
(a) Beverage industry
(b) Food products
(c) Glues and adhesives
(d) Pharmaceuticals and medicinals
(e) Polishes and dressings
(f) Toilet preparations and cosmetics
(g) Soaps and detergents
MANUFACTURER: 1. Dow Chemical of Canada, Ltd.

PRODUCT: Polyethylene Resin, Low Density
USES: 1. Plastics and synthetic resins
2. Processing of other chemicals
3. Packaging
MANUFACTURERS: 1. Canadian Industries Ltd.
2. Kayson Rubber & Plastics
Ltd.
3. Union Carbide Canada Ltd.

PRODUCT: Polystyrene Emulsions
USES: 1. Polishes and dressings
2. Textile chemicals
MANUFACTURER: 1. Polyresins Ltd.

PRODUCT: Polystyrene Resin
USES: 1. Plastics industry
2. Packaging in following industries:
(a) Beverage industry
(b) Food products
(c) Glues and adhesives
(d) Pharmaceuticals and medicinals

(e) Polishes and dressings
(f) Toilet preparations and cosmetics
(g) Soaps and detergents
MANUFACTURERS: 1. Dow Chemical of Canada, Ltd.
2. Kayson Rubber & Plastics Ltd.
3. Monsanto Canada Ltd.

PRODUCT: Polyvinyl Acetate Emulsions
USES: 1. Glues and adhesives
2. Paints, varnishes and lacquers
3. Textile chemicals
MANUFACTURER: 1. Polyresins Ltd.

PRODUCT: Polyvinyl Chloride-Acetate Resins &
Compounds
USES: 1. Plastics industry
MANUFACTURER: 1. Canadian Resins & Chemicals,
Division of Shawinigan
Chemicals Ltd.

PRODUCT: Polyvinyl Chloride Resins &
Compounds
USES: 1. Plastics and synthetic resins
MANUFACTURERS: 1. Canadian Resins & Chemicals,
Division of Shawinigan
Chemicals Ltd.
2. B.F. Goodrich Canada Ltd.
3. Kayson Rubber & Plastics
Ltd.
4. Monsanto Canada Ltd.

PRODUCT: Potassium Chlorate
USES: 1. Inks
2. Pharmaceuticals and medicinals
3. Textile chemicals
4. Match manufacture
5. Pyrotechnics
MANUFACTURER: 1. Electric Reduction Sales Co.
Ltd.

PRODUCT: Potassium Citrate
USES: 1. Pharmaceuticals and medicinals
2. Food products
MANUFACTURER: 1. Kemball Bishop Canada,
Division of Pfizer Corp.

PRODUCT: Promazine Hydrochloride
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Fine Chemicals of Canada, Ltd.

PRODUCT: n-Propanol (n-Propyl Alcohol)
USES: 1. Inks
2. Pharmaceuticals
3. Paints, varnishes and lacquers
4. Plastics and synthetic resins
5. Cosmetics
6. Solvent
MANUFACTURER: 1. Canadian Chemical Co. Ltd.

PRODUCT: Propolis (bee glue or bee bread)
USES: 1. Special paints and varnishes
2. Medicine

MANUFACTURER: 1. Mel-Glad, Les Ruchers, Enr.

PRODUCT: n-Propyl Acetate

USES: 1. Paints, varnishes and lacquers
2. Solvent
3. Brake fluids
4. Toilet preparations
5. Plastics and synthetic resins
6. Organic synthesis

MANUFACTURER: 1. Canadian Chemical Co. Ltd.

PRODUCT: n-Propyl Alcohol (See n-Propanol)

PRODUCT: Propylene

USES: 1. Plastics and synthetic resins
2. Processing of other chemicals

MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: Propylene Aldehyde (See Crotonaldehyde)

PRODUCT: Propylene Glycol (Methylethylene Glycol)

USES: 1. Food products
2. Pharmaceuticals and medicinals
3. Toilet preparations and cosmetics
4. Cigarettes
5. Inks
6. Plastics and synthetic resins

MANUFACTURER: 1. Canadian Chemical Co. Ltd.

PRODUCT: Protamine Zinc Insulin

USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Connaught Medical Research Laboratories, University of Toronto

PRODUCT: Protein Hydrolysates

USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Champlain Chemicals Ltd.
2. Delmar Chemicals Ltd.
3. Industrial Grain Products Ltd.

Q

PRODUCT: Quaternary Ammonium Compounds

USES: 1. Emulsifying agents
2. Active antiseptics
3. Inhibitors of corrosion

MANUFACTURER: 1. Canadian Aniline & Extract Co., Ltd.

PRODUCT: Quicklime (See Lime, Burned)

R

PRODUCT: Radioisotopes

USES: 1. Medicine

2. Industry

3. Research

MANUFACTURERS: 1. Atomic Energy of Canada Ltd.

2. Charles E. Frosst & Co.
3. Merck & Co. Ltd.

PRODUCT: Rape Seed Oil

USES: 1. Food products
2. Stock and poultry feeds

MANUFACTURER: 1. Co-operative Vegetable Oils Ltd.

PRODUCT: Reclaiming Oil, Rubber

USES: 1. For reclaiming rubber

MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Red Lead

USES: 1. Paints and varnishes
2. Storage batteries
3. Glass and pottery
4. Enamelling
5. Rubber pigment

MANUFACTURERS: 1. The Canada Metal Co. Ltd.
2. The Carter White Lead Co. of Canada Ltd.
3. McArthur, Irwin, (1957) Ltd.

PRODUCT: Red Oil (See Oleic Acid)

PRODUCT: Resorcinol-Formaldehyde Adhesives

USES: 1. Glues and adhesives
MANUFACTURERS: 1. Canadian-Marietta Ltd.
2. Monsanto Canada Ltd.

PRODUCT: Rhodium Plating Solutions

USES: 1. Electroplating
MANUFACTURERS: 1. Engelhard Industries of Canada Ltd.
2. Johnson Matthey & Mallory Ltd.

PRODUCT: Rosin Size

USES: 1. Pulp and paper
MANUFACTURER: 1. Hercules Powder Co. (Canada) Ltd.

PRODUCT: Royal Jelly

USES: 1. Toiletries
2. Medicine

MANUFACTURER: 1. Mel-Glad, Les Ruchers, Enr.

PRODUCT: Rubber, Synthetic (Butyl Type)

USES: 1. Wire and cable insulation
2. Inner tubes
3. Conveyor and transmission belts
4. Automotive parts, such as bumpers, heater hose, light gaskets, grommets, weather stripping
5. Protective clothing (anti-gas)
6. Hospital sheeting

7. Tank linings
MANUFACTURER: 1. Polymer Corporation Ltd.

PRODUCT: Rubber, Synthetic (N-Type)
USES: 1. Mechanical goods where resistance to oils, gasoline and greases is required, e.g., oil seals, gaskets, self-sealing jet fuel tanks, gasoline hose, grommets; rolls for paper and printing machinery; brake linings; conveyor and transmission belts and adhesives

MANUFACTURER: 1. Polymer Corporation Ltd.

PRODUCT: Rubber, Synthetic (S-Type)
USES: 1. Wire and cable insulation
2. Waterproof footwear, rubber heels and soles; tires, camel back (for recapping tires); conveyor and transmission belts; rubber floor tile; film and proofed goods; rubber adhesives; mechanical goods such as sheeting, hose, wringer rolls, battery boxes, jar rings, sponge rubber sheet, rug undercushion and packing

MANUFACTURER: 1. Polymer Corporation Ltd.

S

PRODUCT: Salt (Sodium Chloride)
USES: 1. Food products
2. Stock and poultry feeds
3. Textile chemicals
4. Tanning and leather dressings
5. Petroleum refining and products
6. Pharmaceuticals and medicinals
7. Beverage industry
8. Metallurgy
9. Pulp and paper
10. Processing of other chemicals

MANUFACTURERS: 1. Canadian Salt Co. Ltd.
2. Sifto Salt Ltd.
3. Warwick Salt & Chemicals Ltd.

PRODUCT: Salt Cake (See Sodium Sulphate)

PRODUCT: Scintillation Chemicals (See Organic Scintillation Fluors)

PRODUCT: Selenium
USES: 1. Electrical rectification
2. Glass industry
3. Rubber industry
4. Chemical industry
5. Lubricating oils

MANUFACTURERS: 1. Canadian Copper Refiners Ltd.
2. The International Nickel Co. of Canada, Ltd.

PRODUCT: Selenium Diethyldithiocarbamate
USES: 1. Accelerator in vulcanization of rubber

MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Selenium Dioxide
USES: 1. Processing of other chemicals
2. As a catalyst
3. As an oxidation agent
4. As an antioxidant in lubricating oils
5. Medicinals

MANUFACTURER: 1. Canadian Copper Refiners Ltd.

PRODUCT: Senega Root
USES: 1. Pharmaceuticals and medicinals
MANUFACTURERS: 1. Cominso (Canada) Ltd.
2. Dominion Herb Distributors Inc.
3. Sydney I. Robinson Fur Co.
4. R.S. Robinson's Sons Co. Ltd.
5. Yorkton Hide & Fur Co.
6. F. E. Lingeman

PRODUCT: Silver Cyanide
USES: 1. Electroplating
MANUFACTURERS: 1. Engelhard Industries of Canada Ltd.
2. Johnson Matthey & Mallory Ltd.

PRODUCT: Silver Nitrate
USES: 1. Pharmaceuticals and medicinals
2. Mirror manufacturing
3. Photographic and X-ray film manufacturing
4. Processing of other chemicals
MANUFACTURERS: 1. Engelhard Industries of Canada Ltd.
2. Johnson Matthey & Mallory Ltd.

PRODUCT: Silver Oxide
USES: 1. Pharmaceuticals and medicinals
2. Processing of other chemicals
MANUFACTURER: 1. Johnson Matthey & Mallory Ltd.

PRODUCT: Sizing Agents
USES: 1. Pulp and paper
2. Textile industry
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Colloids of Canada Ltd.
3. Monsanto Canada Ltd.
4. Nopco Chemical Canada Ltd.

PRODUCT: Sodium Arsenate
USES: 1. Herbicides and pesticides
2. Textile industry
MANUFACTURER: 1. Deloro Smelting & Refining Co. Ltd.

PRODUCT: Sodium Azide
USES: 1. Explosives

2. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canadian Industries Ltd.

PRODUCT: Sodium Benzoate
USES: 1. Food products
2. Beverage industry
3. Pharmaceuticals and medicinals
MANUFACTURER: 1. Monsanto Canada Ltd.

PRODUCT: Sodium Carboxymethylcellulose
(Carboxymethylcellulose)
USES: 1. Soaps and detergents
2. Paper manufacture
3. Food products
4. Glues and adhesives
5. Paints
6. Polishes and dressings
7. Pharmaceuticals and medicinals as a thickening agent
8. Textile sizing agents
9. Toilet preparations and cosmetics
10. Textile chemicals
11. Plastics and synthetic resins
12. Beverage industry
13. Petroleum drilling muds
MANUFACTURER: 1. Chemical Developments of Canada Ltd.

PRODUCT: Sodium Caseinate
USES: 1. Food products
2. Pharmaceuticals and medicinals
3. Toilet preparations and cosmetics
MANUFACTURER: 1. Champlain Milk Products Co., Ltd.

PRODUCT: Sodium Chlorate
USES: 1. Herbicides and pesticides
2. Ore dressing, metal refining and processing
3. Pulp and paper
4. Textile chemicals
5. Processing of other chemicals
MANUFACTURERS: 1. Electric Reduction Sales Co. Ltd.
2. Standard Chemical Ltd.

PRODUCT: Sodium Chloride (See Salt)

PRODUCT: Sodium Citrate
USES: 1. Food products
2. Pharmaceuticals and medicinals
3. Beverage industry
4. Pulp and paper
5. Processing of other chemicals
MANUFACTURER: 1. Kemball Bishop Canada, Division of Pfizer Corp.

PRODUCT: Sodium Cyanide
USES: 1. Ore flotation
2. Case hardening of steel
MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Sodium Diuranate

USES: 1. Atomic Energy Industry
MANUFACTURER: 1. Eldorado Mining & Refining Ltd.

PRODUCT: Sodium Dodecylbenzene Sulphonate
USES: 1. Soaps and detergents
2. Textile chemicals
3. Synthetic textiles
4. Beverages
5. Herbicides and pesticides
6. Disinfectants
7. Insecticides
8. Glues and adhesives
9. Inks
10. Pharmaceuticals and medicinals
11. Paints, varnishes and lacquers
12. Polishes and dressings
13. Petroleum products
14. Pulp and paper
15. Plastics and synthetic resins
16. Tanning and leather dressings
MANUFACTURER: 1. Chemical Developments of Canada Ltd.

PRODUCT: Sodium Hydroxide (See Caustic Soda)

PRODUCT: Sodium Lignosulphonate
USES: 1. Water reducer in wallboard plaster
2. Leather tanning
3. Insecticides
4. Pesticides
5. Dispersant in acid cleaners of boiler feed water treatment
MANUFACTURER: 1. Lignosol Chemicals Ltd.

PRODUCT: Sodium Petroleum Sulphonate
USES: 1. Lubricating oil additives
2. Rust inhibitor
3. Cutting oil emulsifiers
MANUFACTURER: 1. New Surpass Petrochemicals Ltd.

PRODUCT: Sodium Pyrophosphate, Acid
USES: 1. Food products
2. Soaps and detergents
3. Metal cleaning
4. Phosphatizing of metals
5. Oil well drilling muds
MANUFACTURER: 1. Electric Reduction Sales Co. Ltd.

PRODUCT: Sodium Selenate
USES: 1. Pharmaceuticals and medicinals
2. Reagent
3. Insecticides
MANUFACTURER: 1. Canadian Copper Refiners Ltd.

PRODUCT: Sodium Selenite
USES: 1. Pharmaceuticals and medicinals
2. Stock and poultry feeds
3. Glass decolorizing

4. Photographic use
MANUFACTURER: 1. Canadian Copper Refiners Ltd.

PRODUCT: Sodium Sulphate (Salt Cake)
USES: 1. Pulp and paper
2. Glass manufacture
3. Stock and poultry feeds
4. Soaps and detergents
5. Processing of other chemicals and textile fibres
6. Tanning and leather dressings
7. Pharmaceuticals and medicinals
8. Paints
9. Fertilizers
10. Ceramic glazes

MANUFACTURERS: 1. Midwest Chemicals Ltd.
2. Saskatchewan Minerals, Sodium Sulphate Division
3. Sybouts Sodium Sulphate Co. Ltd.

PRODUCT: Sodium Tellurate
USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canadian Copper Refiners Ltd.

PRODUCT: Sodium Tellurite
USES: 1. Bacteriology
MANUFACTURER: 1. Canadian Copper Refiners Ltd.

PRODUCT: Softening & Finishing Agents (See Finishing & Softening Agents)

PRODUCT: Solvents, Aliphatic
USES: 1. Paints, varnishes and lacquers
2. Dry cleaning
3. Inks
4. Glues and adhesives
5. Polishes and dressings
6. Herbicides and pesticides
7. Insecticides
8. Ore dressing
9. Tanning and leather dressings
10. Soaps and detergents
11. Processing of other chemicals
MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: Solvents, Aromatic Distillate
USES: 1. Herbicides and pesticides
MANUFACTURER: 1. Texaco Canada Ltd.

PRODUCT: Solvents, Light Alkylate
USES: 1. Insecticides
2. Herbicides and pesticides
3. In uranium extraction
MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: Solvents, Petroleum
USES: 1. Herbicides and pesticides
2. Insecticides

3. Fungicides
4. Uranium extraction
5. Inks

MANUFACTURERS: 1. Husky Oil & Refining Ltd.
2. Imperial Oil Ltd., Chemical Products Department
3. Texaco Canada Ltd.

PRODUCT: Solvents, Special
USES: 1. Paints, varnishes and lacquers
2. Plasticizers
3. Brake fluids
4. Glues and adhesives

MANUFACTURER: 1. Canadian Chemical Co. Ltd.

PRODUCT: Soybean Oil
USES: 1. Food products as margarine and shortening
2. Paints and varnishes
3. Stock and poultry feeds
4. Alkyd resins
5. Lubricating oils and greases
6. Soaps and detergents

MANUFACTURERS: 1. Canadian Vegetable Oil Processing Ltd.
2. Co-operative Vegetable Oils Ltd.
3. Toronto Elevators Ltd.
4. Victory Soya Mills Ltd.

PRODUCT: Sperm Oil
USES: 1. Components of automatic transmission fluids and high pressure lubricants
2. Heat treating
3. Rust proofing
MANUFACTURER: 1. Western Chemical Industries Ltd.

PRODUCT: Spruce Oil
USES: 1. Herbicides and pesticides
2. Pharmaceuticals and medicinals
3. Toilet preparations and cosmetics
4. Soaps and detergents
MANUFACTURER: 1. Cominso (Canada) Ltd.

PRODUCT: Stabilizing Agents
USES: 1. Glues and adhesives
2. Inks
3. Paints industry
4. Plastics and synthetic resins
5. Tanning and leather dressings
6. Toilet preparations and cosmetics
7. Soaps and detergents
8. Ore dressing
MANUFACTURER: 1. Nopco Chemical Canada Ltd.

PRODUCT: Starch, Wheat
USES: 1. Pulp and paper
2. Textile chemicals
3. Food products
4. Beverage industry
5. Glues and adhesives
6. Ore dressing, metal refining and

processing
7. Pharmaceuticals and medicinals
8. Paints, varnishes and lacquers
9. Polishes and dressings
10. Tanning and leather dressings
11. Toilet preparations and cosmetics
MANUFACTURER: 1. Industrial Grain Products Ltd.

PRODUCT: Stearic Acid
USES: 1. Polishes and dressings
2. Pulp and paper
3. Tanning and leather dressings
4. Toilet preparations and cosmetics
5. Soaps and detergents
6. Production of metallic stearates
7. Rubber compounding
8. Textile chemicals

MANUFACTURERS: 1. Canada Packers Ltd.
2. W.C. Hardesty of Canada Ltd.

PRODUCT: Styrene Monomer (Vinylbenzene)
USES: 1. Plastics and synthetic resins
2. Processing of other chemicals
3. Polishes and dressings
4. Glues and adhesives
5. Manufacture of rubber
MANUFACTURERS: 1. Dow Chemical of Canada, Ltd.
2. Polymer Corporation Ltd.

PRODUCT: Sulphated Fatty Alcohols
USES: 1. Insecticides
2. Disinfectants and fungicides
3. Textile processing and finishing
4. Toilet preparations and cosmetics
5. Soaps and detergents
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. The Hart Products Co. of Canada Ltd.

PRODUCT: Sulphonated Oils
USES: 1. Textile industry
2. Leather industry
3. Pulp and paper
4. Glues and adhesives
5. Metal working
6. Inks
7. Insecticides and disinfectants
8. Cutting Oils
9. Laundering and cleaning preparations
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Nopco Chemical Canada Ltd.
3. Quaker City Chemical Co. of Canada Ltd.

PRODUCT: Sulphur
USES: 1. Pulp and paper
2. Fertilizers
3. Insecticides
4. Herbicides and pesticides
5. Ore dressing, metal refining and processing

6. Petroleum refining and products
7. Plastics and synthetic resins
8. Textile chemicals
9. Processing of other chemicals
10. Rubber manufacturing
11. Soaps and detergents
12. Food products
13. Pharmaceuticals and medicinals
MANUFACTURERS: 1. The British American Oil Co. Ltd.
2. Jefferson Lake Petrochemicals of Canada Ltd.
3. Royalite Oil Co., Ltd.

PRODUCT: Sulphuric Acid
USES: 1. Fertilizers
2. Ore dressing, metal refining and processing
3. Petroleum refining and products
4. Processing of other chemicals
5. Paints and pigments
6. Soaps and detergents
7. Rayon and cellulose film
8. Explosives and propellants
9. Synthetic drugs and perfumes
10. Sugar refining
11. Storage batteries
12. Textile processing
MANUFACTURERS: 1. Canadian Industries Ltd.
2. Cyanamid of Canada Ltd.
3. Inland Chemicals Canada Ltd. Export Agents: Harrisons & Crosfield (Canada) Ltd.

PRODUCT: Sunflower Oil
USES: 1. Food products
2. Stocks and poultry feeds
3. Varnishes
4. Soaps
MANUFACTURER: 1. Co-operative Vegetable Oils Ltd.

T

PRODUCT: 2,4,5-T Acid (2,4,5-Trichlorophenoxyacetic Acid)
USES: 1. Herbicides and pesticides
MANUFACTURERS: 1. Dow Chemical of Canada, Ltd.
2. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: 2,4,5-T Ester (2,4,5-Trichlorophenoxyacetic Acid Ester)
USES: 1. Herbicides and pesticides
MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Tallates (See Calcium, Cobalt, Lead, Manganese or Zinc Naphthenate)

PRODUCT: Tar, Aromatic

USES: 1. Electrode manufacture
2. Pipe Castings
3. Carbon black
4. Insecticides
5. Herbicides and pesticides

MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: Tellurium

USES: 1. Rubber industry
2. Ferrous metallurgy
3. Copper and copper alloys
4. Glass and ceramics

MANUFACTURERS: 1. Canadian Copper Refiners Ltd.
2. The International Nickel Co. of Canada, Ltd.

PRODUCT: Tellurium Dioxide

USES: 1. Antiseptic
2. Detecting bacteria in vaccines

MANUFACTURER: 1. Canadian Copper Refiners Ltd.

PRODUCT: Tetrachloroethylene (See Perchloroethylene)

PRODUCT: Tetramethylthiuram Disulphide (See Thiram)

PRODUCT: Tetramethylthiuram Monosulphide
USES: 1. Accelerator in vulcanization of rubber
2. Fungicide and insecticide

MANUFACTURER: 1. Naugatuck Chemicals, Division of Dominion Rubber Co. Ltd.

PRODUCT: Tetrapropylene

USES: 1. Soaps and detergents
2. Processing of other chemicals

MANUFACTURER: 1. Imperial Oil Ltd., Chemical Products Department

PRODUCT: Textile Finishes

USES: 1. Textile industry
MANUFACTURERS: 1. Nopco Chemical Canada Ltd.
2. Quaker City Chemical Co. of Canada Ltd.

PRODUCT: Textile Resin Catalyst

USES: 1. Textile chemicals
MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Monsanto Canada Ltd.

PRODUCT: Thiram (Tetramethylthiuram Disulphide)

USES: 1. Accelerator in vulcanization of rubber
2. A fungicide

MANUFACTURER: 1. Naugatuck Chemicals,

Division of Dominion Rubber Co. Ltd.

PRODUCT: Titanium Dioxide

USES: 1. Paints, varnishes and lacquers
2. Plastics and synthetic resins and rubbers
3. Pulp and paper
4. Glass and ceramics
5. Inks
6. Synthetic textiles
7. Tanning and leather dressings
8. Soaps and detergents
9. Polishes and dressings
10. Glues and adhesives
11. Toilet preparations and cosmetics

MANUFACTURER: 1. Canadian Titanium Pigments Ltd.

PRODUCT: Toluene (Toluol)

USES: 1. Paints, varnishes and lacquers
2. Explosives
3. Petroleum refining and products such as aviation gasoline
4. Plastics and synthetic resins such as methyl styrene
5. Rubber products
6. Glues and adhesives
7. In production of toluene derivatives

MANUFACTURERS: 1. Canadian Oil Companies, Ltd.
2. Polymer Corporation Ltd.

PRODUCT: Toluol (See Toluene)

PRODUCT: Trichloroethylene

USES: 1. Metal degreasing
2. Extraction solvent for oils, fats and waxes
3. Dry cleaning
4. Refrigerant
5. Fumigant
6. Organic synthesis

MANUFACTURERS: 1. Canadian Industries Ltd.
2. Dow Chemical of Canada, Ltd.

PRODUCT: Triethanolamine (TEA)

USES: 1. Herbicides and pesticides
2. Polishes and dressings
3. Textile chemicals
4. Toilet preparations and cosmetics
5. Soaps and detergents manufacture
6. Cutting oils
7. Leather industry
8. Plasticizer for textiles, glues, etc.
9. Corrosion inhibitor

MANUFACTURERS: 1. Canadian Aniline & Extract Co., Ltd.
2. Carbide Chemicals Co., Division of Union Carbide Canada Ltd.
3. Dow Chemical of Canada, Ltd.

PRODUCT: Triethylene Glycol (TEG)

- USES: 1. Tobacco humectant
2. Glues and adhesives
3. Natural gas dehydration
4. Solvent
5. Lacquers
6. Organic synthesis

MANUFACTURERS: 1. Carbide Chemicals Co.,
Division of Union Carbide
Canada Ltd.
2. Dow Chemical of Canada,
Ltd.

PRODUCT: Tripropylene (Nonene)

- USES: 1. Soaps and detergents
2. Lube oil additives
3. Processing of other chemicals such as
antioxidants

MANUFACTURER: 1. Imperial Oil Ltd., Chemical
Products Department

PRODUCT: Triuranium Octoxide

- USES: 1. Starting material for reactor specialty
compounds
2. Ceramic colouring material
3. Analytical standards, etc.

MANUFACTURER: 1. Eldorado Mining & Refining
Ltd.

PRODUCT: Trypsin

- USES: 1. Pharmaceuticals and medicinals
MANUFACTURER: 1. Canada Packers Ltd., Fine
Chemicals Division

U

PRODUCT: Uranium Dioxide

- USES: 1. Ceramic shapes for reactor fuel elements
2. For production of uranium tetrafluoride
MANUFACTURER: 1. Eldorado Mining & Refining
Ltd.

PRODUCT: Uranium Tetrafluoride

- USES: 1. Atomic energy industry
MANUFACTURER: 1. Eldorado Mining & Refining
Ltd.

PRODUCT: Uranium Trioxide

- USES: 1. Starting material for uranium compounds
MANUFACTURER: 1. Eldorado Mining & Refining
Ltd.

PRODUCT: Uranyl Nitrate Hexahydrate

- USES: 1. Chemical reagents
2. Photographic work
3. Research projects
MANUFACTURER: 1. Eldorado Mining & Refining
Ltd.

PRODUCT: Urea (Carbamide)

- USES: 1. Fertilizers

2. Stock and poultry feeds

3. Plastics and synthetic resins

MANUFACTURERS: 1. The Consolidated Mining &
Smelting Co. of Canada Ltd.
2. Cyanamid of Canada Ltd.

PRODUCT: Urea-Formaldehyde Adhesives

- USES: 1. Glues and adhesives
2. Anti-creasing and bodying agent for
textiles

MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Cyanamid of Canada Ltd.
3. Monsanto Canada Ltd.
4. Reichhold Chemicals
(Canada) Ltd.

PRODUCT: Urea-Formaldehyde for Coatings

- USES: 1. Paints, varnishes and lacquer industry
MANUFACTURER: 1. The Imperial Flo-Glaze Paints
Ltd.

V

PRODUCT: Vanillin

- USES: 1. Beverage industry
2. Food products

MANUFACTURER: 1. Howard Smith Paper Mills Ltd.
Export Agents: W.J. Bush &
Co. (Canada) Ltd.

PRODUCT: Vinyl Acetate Monomer

- USES: 1. Glues and adhesives
2. Paints, varnishes and lacquers
3. Plastics and synthetic resins

MANUFACTURER: 1. Shawinigan Chemicals Ltd.

PRODUCT: Vinylethylene (See Butadiene)

PRODUCT: Vitamin A

- USES: 1. Pharmaceuticals and medicinals
2. Food products

MANUFACTURER: 1. Western Chemical Industries
Ltd.

PRODUCT: Vitamin B₁₂ (Cyanocobalamin)

- USES: 1. Pharmaceuticals and medicinals
2. Stock and poultry feeds

MANUFACTURER: 1. Merck & Co. Ltd.

PRODUCT: Vitamin D₂ (Calciferol)

- USES: 1. Stock and poultry feeds
2. Pharmaceuticals and medicinals

MANUFACTURERS: 1. Canada Packers Ltd., Fine
Chemicals Division
2. Kent Chemicals Ltd.
3. Western Chemical Industries
Ltd.

PRODUCT: Vitamin D₃ (Activated 7-Dehydro-
cholesterol)

USES: 1. Pharmaceuticals and medicinals
2. Stock and poultry feeds
MANUFACTURERS: 1. Canada Packers Ltd., Fine
Chemicals Division
2. Kent Chemicals Ltd.
3. Western Chemical Industries
Ltd.

W

PRODUCT: Water Repellents
USES: 1. Textile industry
MANUFACTURER: 1. Colloids of Canada Ltd.

PRODUCT: Wax Emulsions
USES: 1. Pulp and paper
2. Clues and adhesives
3. Polishes and dressings
4. Tanning and leather dressings
5. Textile chemicals
6. Toilet preparations and cosmetics
7. Soaps and detergents
MANUFACTURERS: 1. Hercules Powder Co.
(Canada) Ltd.
2. Nopco Chemical Canada Ltd.

PRODUCT: Wax, Microcrystalline
USES: 1. Blending with paraffin wax for milk
containers and food wrapping paper
2. Wire insulation compounds
3. Printing inks
4. Ski waxes
5. Leather treatment
6. Rust preventives
7. Cosmetics
8. Waterproofing
9. Lubricants
10. Polishes
MANUFACTURER: 1. International Waxes Ltd.

PRODUCT: Wax, Paraffin
USES: 1. Pharmaceuticals and medicinals
2. Polishes and dressings
3. Petroleum refining and products
4. Wrappers and containers in the food
industry
5. Rubber industry
6. Toilet preparations and cosmetics
7. Paraffin candles
MANUFACTURER: 1. International Waxes Ltd.

PRODUCT: Wetting Agents
USES: 1. Inks
2. Insecticides, herbicides and pesticides
3. Disinfectants
4. Paint industry
5. Polishes and dressings
6. Pulp and paper
7. Tanning and leather dressings
8. Textile chemicals
9. Toilet preparations and cosmetics

10. Soaps and detergents
MANUFACTURERS: 1. Canadian Aniline & Extract
Co., Ltd.
2. Colloids of Canada Ltd.
3. Nopco Chemical Canada Ltd.
4. Reliable Chemical Products
Co.

PRODUCT: White Arsenic (See Arsenic Trioxide)

PRODUCT: White Lead
USES: 1. Paints, varnishes and lacquers
MANUFACTURERS: 1. The Carter White Lead Co. of
Canada Ltd.
2. McArthur, Irwin, (1957) Ltd.

X Y

PRODUCT: Xanthates
USES: 1. Ore dressing, metal refining and processing
MANUFACTURER: 1. Cyanamid of Canada Ltd.

PRODUCT: Xylene (Xylol)
USES: 1. Paints, varnishes and lacquers (solvent)
2. Synthetic textiles such as polyester fibres
3. Plastics and synthetic resins
4. Synthetic rubber
5. Production of xylene derivatives
MANUFACTURER: 1. Canadian Oil Companies, Ltd.

PRODUCT: Xylol (See Xylene)

PRODUCT: Yellow Lead Oxide (See Litharge)

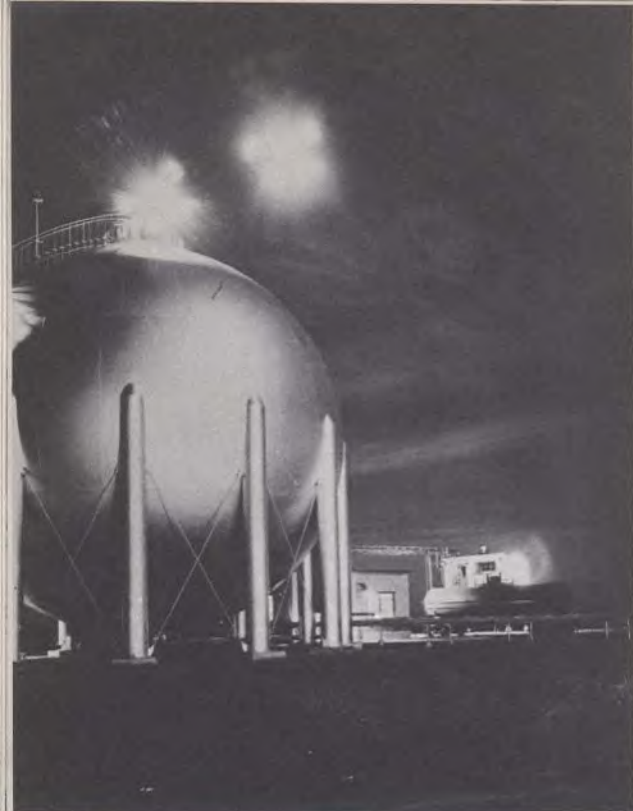
Z

PRODUCT: Zinc Dibutyldithiocarbamate
USES: 1. Accelerator in vulcanization
2. Lubricating oil additives
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Zinc Diethyldithiocarbamate
USES: 1. Accelerator in vulcanization or rubber
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Zinc Dimethyldithiocarbamate (See
Ziram)

PRODUCT: Zinc Laurate
USES: 1. Activator in rubber vulcanization
2. Paints and varnishes
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.



Sixty feet high, this storage sphere at a large chemical firm's ammonia plant in Millhaven, Ontario, has a capacity of 2,000 tons of anhydrous ammonia. It is made of one-inch welded steel. Investment in the Canadian chemical industry for 1960 is likely to exceed \$100,000,000.

PRODUCT: Zinc 2-Mercaptobenzothiazole
USES: 1. Accelerator in vulcanization of rubber
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Zinc Naphthenate, Octoate or Tallate
USES: 1. Driers for printing ink and paint industry
2. Insecticides and fungicides
3. Wood preservatives
4. Waterproofing of textiles
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

PRODUCT: Zinc Oxide
USES: 1. Fertilizers
2. Glues and adhesives
3. Inks
4. Ore dressing, metal refining and
processing
5. Pharmaceuticals and medicinals
6. Paints, varnishes and lacquers
7. Polishes and dressings
8. Plastics and synthetic resins
9. Textile chemicals
10. Synthetic textiles
11. Toilet preparations and cosmetics
12. Stock and poultry feeds
13. Processing of other chemicals
14. Rubber
15. Ceramics
16. Pulp and paper

MANUFACTURERS: 1. Durham Industries (Canada)
Ltd.
2. The Pigment & Chemical Co.
3. Zinc Oxide Co. of Canada
Ltd.

PRODUCT: Zinc Stearate
USES: 1. Inks
2. Pharmaceuticals and medicinals
3. Paints, varnishes and lacquers
4. Rubber manufacture
5. Plastic and synthetic resins
6. Toilet preparations and cosmetics
MANUFACTURERS: 1. H.L. Blachford, Ltd.
2. Nuodex Products of Canada,
Ltd.
3. Soden Chemicals, Division
of Witco Chemical Co.
Canada Ltd.

PRODUCT: Ziram (Zinc Dimethyldithiocarbamate)
USES: 1. Accelerator in vulcanization
2. Fungicides
MANUFACTURER: 1. Naugatuck Chemicals,
Division of Dominion Rubber
Co. Ltd.

PRODUCT: Zirconium Octoate
USES: 1. Driers for printing ink and paint industry
MANUFACTURER: 1. Nuodex Products of Canada,
Ltd.

CANADIAN CHEMICALS FOR EXPORT



Printing four colours in one operation is standard procedure with this huge printing press at a major chemical plant in New Toronto, Ontario.

INDUSTRIAL CLASSIFICATIONS

ADHESIVES

Acetone
Alkyl Aryl Sulphonates
Alkyl Phenol Polyglycol Ethers
Ammonia
Amyl Alcohol
Anti-foaming Agents
Aromatic Compounds
Asphalt
Blown Oil
Calcium Lignosulphonate
Carbon Tetrachloride
Casein
Caustic Soda
Cresol
Cyclohexanol
Defoamers
Dextrin, Wheat
Dibutyl Phthalate
Dicyclohexyl Phthalate
Diethylene Glycol
Diisooctyl Phthalate
Dodecylbenzene Sulphonic Acid
Drying Oil, Petroleum
Ethylenediaminetetraacetic Acid
Ethylene Glycol
Extenders
Formaldehyde
Fusel Oil
Glycerol
Hydrochloric Acid
Hydrogenated Glycerides
Iron Oxides, Synthetic
Isobutanol
Lime, Hydrated
Magnesium Stearate
Melamine-Urea-Formaldehyde Adhesives
Methyl Cyclohexanol
Methyl Isobutyl Ketone
Phenol
Phenol-Formaldehyde Adhesives
Phosphoric Acid
Plasticizing Agents
Polyvinyl Acetate Emulsions
Resorcinol-Formaldehyde Adhesives
Sodium Carboxymethylcellulose
Sodium Dodecylbenzene Sulphonate
Solvents, Aliphatic
Solvents, Special
Stabilizing Agents
Starch, Wheat
Styrene Monomer
Sulphonated Oils
Titanium Dioxide
Toluene
Triethanolamine
Triethylene Glycol
Urea-Formaldehyde Adhesives
Vinyl Acetate Monomer

Wax Emulsions
Zinc Oxide

ATOMIC ENERGY

Ammonium Diuranate
Organic Scintillation Fluors
Radioisotopes
Sodium Diuranate
Triuranium Octoxide
Uranium Dioxide
Uranium Tetrafluoride
Uranium Trioxide

CERAMIC, GLASS, CONCRETE AND REFRACTORIES

Alumina, Calcined
Alumina Hydrate
Aluminum Fluoride
Aluminum Powder
Arsenic Trioxide
Bauxite
Bronze Powders
n-Butyl Acetate
Calcium Lignosulphonate
Calcium Stearate
Canada Balsam
Cobalt Powder
Ferrophosphorus
Fluorspar
Gold Chloride
Iron Oxides, Synthetic
Lime, Burned
Litharge
Lithium Carbonate
Magnesia
Molybdc Oxide
Monocalcium Phosphate
Nickel Oxide, Green
Red Lead
Selenium
Sodium Selenite
Sodium Sulphate
Tellurium
Titanium Dioxide
Triuranium Octoxide
Zinc Oxide

CHEMICALS

Acetaldehyde
Acetic Acid
Acetone
Alkyl Aryl Sulphonates
Alumina Hydrate

Ammonia
 Amyl Alcohol
 Aniline Oil
 Anti-foaming Agents
 Argon
 Bauxite
 Bentonite Clay, Activated
 Benzene
 Blown Oil
 Butadiene
 Butyraldehyde
 Calcium Carbide
 Calcium Cyanamide
 Carbon Bisulphide
 Caustic Soda
 Chlorine
 Citric Acid
 Copper Sulphate
 Cresol
 Crotonaldehyde
 Cyclohexanol
 3 α ,12 α -Diacetoxypregnan-20-one
 3 α ,6 α -Dihydroxypregnan-20-one
 N,N'-Diphenyl-p-Phenylenediamine
 2,6-Ditertiarybutyl-p-Cresol
 Dodecylbenzene Sulphonic Acid
 Ethylene
 Ethylene Dichloride
 Fatty Acids, Tallow
 Fatty Acids, Vegetable
 Fluorspar
 Formaldehyde
 Fusel Oil
 Glutamic Acid
 Gluten, Wheat
 Glycerol
 Hydrochloric Acid
 Hydrogen Peroxide
 Hydrogenated Glycerides
 12-Hydroxystearic Acid
 Isoamyl Alcohol
 Isobutanol
 Lard Oils
 Lime, Hydrated
 Lithium Carbonate
 Lithium Hydroxide
 Magnesia
 Methanol
 Methyl Amyl Alcohol
 Methyl Cyclohexanol
 Methyleneethyl Ketone
 Methyl Isobutyl Ketone
 Nitric Acid
 Oleic Acid
 Palladium Chloride
 Phenol
 Phosphoric Acid
 Phosphorus, Yellow
 Phosphorus Sesqui sulphide
 Phthalic Anhydride
 Platinum Chloride
 Polyethylene Resin, Low Density

n-Propyl Acetate
 Propylene
 Quassin
 Radioisotopes
 Salt
 Selenium
 Selenium Oxide
 Silver Nitrate
 Silver Oxide
 Sodium Chlorate
 Sodium Citrate
 Sodium Sulphate
 Solvents, Aliphatic
 Stearic Acid
 Styrene Monomer
 Sulphur
 Sulphuric Acid
 Tetrapropylene
 Toluene
 Trichloroethylene
 Triethylene Glycol
 Tripropylene
 Uranyl Nitrate Hexahydrate
 Xylene
 Zinc Oxide

DISINFECTANTS AND INSECTICIDES

Alkyl Aryl Sulphonates
 Alkyl Phenol Polyglycol Ethers
 Ammonium Lignosulphonate
 Amyl Alcohol
 Arsenic Trioxide
 Aromatic Compounds
 Bentonite Clay, Activated
 Bentonite Clay, Natural
 Calcium Cyanide
 Cedar Leaf Oil
 Chlorine
 Copper Naphthenate
 Copper Sulphate
 Cresol
 Crotonaldehyde
 Detergents
 N,N-Diethyl-m-Toluamide
 Dodecylbenzene Sulphonic Acid
 Emulsifying Agents
 Ethylenediaminetetraacetic Acid
 Ethylene Thiourea
 Formaldehyde
 Iron Oxides, Synthetic
 Lead Arsenate
 Lime, Hydrated
 Litharge
 Monochloroacetic Acid
 Phenol
 Quaternary Ammonium Compounds
 Sodium Dodecylbenzene Sulphonate

Sodium Lignosulphonate
Sodium Selenate
Solvents, Aliphatic
Solvents, Light Alkylate
Sulfated Fatty Alcohols
Sulphonated Oils
Sulphur
Tar, Aromatic
Wetting Agents
Zinc Naphthenate, Octoate or Tallate

EXPLOSIVES AND MUNITIONS

Ammonium Nitrate
Ethyl Acetate
Ethylene Glycol
Glycerol
Guanidine Nitrate
Hexachloroethane
Pentaerythritol
Phosphorus, Yellow
Sodium Azide
Sulphuric Acid
Toluene

FERTILIZERS

Alkyl Phenol Polyglycol Ethers
Ammonia
Ammonium Nitrate
Ammonium Nitrate Phosphate
Ammonium Phosphate
Ammonium Phosphate Sulphate
Ammonium Sulphate
Aromatic Compounds
Bentonite Clay, Natural
Calcium Cyanamide
Copper Sulphate
Ethylenediaminetetraacetic Acid
Iron Oxides, Natural
Iron Oxides, Synthetic
Lime, Hydrated
Limestone, Agricultural
Magnesia
Nitric Acid
Phosphoric Acid
Sodium Sulphate
Sulphur
Sulphuric Acid
Urea
Zinc Oxide

FOODS AND BEVERAGES

Acetaldehyde
Acetic Acid
Alkyl Phenol Polyglycol Ethers
Aluminum Sulphate

Ammonia
Amyl Alcohol
Bentonite Clay, Activated
Calcium Caseinate
Calcium Propionate
Carbon Dioxide
Chlorine
Citric Acid
Defoamers
Detergents
2,6-Ditertiarybutyl-p-Cresol
Dodecylbenzene Sulphonic Acid
Essential Oils
Ethylenediaminetetraacetic Acid
Fatty Acid Esters
Flavouring Compounds
Gelatin
Gluten, Wheat
Hydrochloric Acid
Hydrogen Peroxide
Isoamyl Alcohol
Lactose
Lecithin
Lime, Hydrated
Lithium Carbonate
Monocalcium Phosphate
Monochloroacetic Acid
Monoglycerides
Niacin
Nitrous Oxide
Phosphoric Acid
Potassium Citrate
Propylene Glycol
Rape Seed Oil
Salt
Sodium Benzoate
Sodium Caseinate
Sodium Citrate
Sodium Carboxymethylcellulose
Sodium Dodecylbenzene Sulphonate
Sodium Propionate
Sodium Pyrophosphate, Acid
Soybean Oil
Starch, Wheat
Sulphur
Sunflower Oil
Vanillin
Vitamin C
Wax, Microcrystalline
Wax, Paraffin

INKS

Acetone
Acetylene Carbon Black
Alkyd Resins
Aluminum Paste and Powder
Aluminum Stearate
Ammonia
Aromatic Compounds
Blown Oil

Bronze Powders
 Calcium Naphthenate, Octoate or Tallate
 Calcium Stearate
 Citric Acid
 Cobalt Naphthenate, Octoate or Tallate
 Cresol
 Cyclohexanol
 Defoamers
 Diisooctyl Phthalate
 Dimethylcyclohexyl Phthalate
 Dipropylene Glycol
 Dodecylbenzene Sulphonic Acid
 Driers
 Emulsifying Agents
 Ethylene Glycol
 2-Ethyl Hexanol
 Glycerol
 Hydrochloric Acid
 Iron Oxides, Natural
 Iron Oxides, Synthetic
 Lead Naphthenate, Octoate or Tallate
 Lecithin
 Linseed Oil
 Litharge
 Manganese Naphthenate, Octoate or Tallate
 Methanol
 Methyl Cyclohexanol
 Oleic Acid
 Palladium Chloride
 Pentaerythritol
 Phenol
 Pigments
 Potassium Chlorate
 Propanol
 Propylene Glycol
 Sodium Dodecylbenzene Sulphonate
 Solvents, Aliphatic
 Solvents, Petroleum
 Stabilizing Agents
 Sulphonated Oils
 Titanium Dioxide
 Wax, Microcrystalline
 Wetting Agents
 Zinc Naphthenate, Octoate or Tallate
 Zirconium Octoate
 Zinc Oxide
 Zinc Stearate

LEATHERS

Acetaldehyde
 Acetic Acid
 Alkyl Aryl Sulphonates
 Alkyl Phenol Polyglycol Ethers
 Aluminum Sulphate
 Ammonium Lignosulphonate
 Aromatic Compounds
 Blown Oil
 Butanol
 n-Butyl Acetate

Butyraldehyde
 Casein
 Crotonaldehyde
 Defoamers
 Detergents
 Diethylene Glycol
 Dodecylbenzene Sulphonic Acid
 Dyeing Assistants
 Emulsifying Agents
 Ethylenediamine Tetraacetic Acid
 Ethylene Glycol
 Fat Liquoring Chemicals
 Formaldehyde
 Hydrochloric Acid
 Iron Oxides, Synthetic
 Lard Oils
 Lecithin
 Lime, Burned
 Lime, Hydrated
 Litharge
 Methyl Cyclohexanol
 Methyl ethyl Ketone
 Neatsfoot Oils
 Phenol
 Phenol Sulphonic Acid
 Phosphoric Acid
 Plasticizing Agents
 Salt
 Sodium Dodecylbenzene Sulphonate
 Sodium Lignosulphonate
 Sodium Sulphate
 Solvents, Aliphatic
 Stabilizing Agents
 Starch, Wheat
 Stearic Acid
 Sulphonated Oils
 Titanium Dioxide
 Triethanolamine
 Wax Emulsions
 Wax, Microcrystalline
 Wetting Agents

ORE DRESSING, METAL REFINING AND PROCESSING

Alkyl Phenol Polyglycol Ethers
 Aluminum Fluoride
 Ammonia
 Ammonium Chloride
 Amyl Alcohol
 Argon
 Bauxite
 Bentonite Clay, Natural
 Blown Oil
 Bronze Powders
 Calcium Carbide
 Calcium Cyanamide
 Calcium Cyanide
 Calcium Lignosulphonate

Caustic Soda
 Chlorine
 Citric Acid
 Coke, Petroleum
 Copper Sulphate
 Corrosion Inhibitors
 Cresol
 Crotonaldehyde
 Dextrin, Wheat
 Drawing and Forming Compounds
 Emulsifying Agents
 Ethylenediaminetetraacetic Acid
 Ethylene Dichloride
 Ethylene Thiourea
 Ferrophosphorus
 Fluorspar
 Formaldehyde
 Frothing Agents
 Hydrochloric Acid
 Lard Oils
 Lime, Burned
 Lime, Hydrated
 Litharge
 Lycopodium
 Magnesia
 Molybdic Oxide
 Neatsfoot Oils
 Nickel Oxide, Green
 Nitric Acid
 Oleic Acid
 Oxygen
 Perchloroethylene
 Phosphoric Acid
 Phosphorus, Red
 Phosphorus, Yellow
 Pitch, Coal Tar
 Salt
 Sodium Cyanide
 Sodium Chlorate
 Sodium Pyrophosphate, Acid
 Solvents, Aliphatic
 Solvent, Light Alkylate
 Stabilizing Agents
 Starch, Wheat
 Sulphonated Oils
 Sulphur
 Sulphuric Acid
 Tar, Aromatic
 Tellurium
 Trichloroethylene
 Wax, Microcrystalline
 Xanthates
 Zinc Oxide

PAINTS, VARNISHES AND LACQUERS

Acetic Acid
 Acetone
 Acetylene Carbon Black

Acrylic Emulsions
 Alkyd Resins
 Alkyl Phenol Polyglycol Ethers
 Aluminum Paste and Powder
 Aluminum Stearate
 Amyl Alcohol
 Anti-foaming Agents
 Aromatic Compounds
 Bauxite
 Bentonite Clay, Activated
 Blown Oil
 Bronze Powders
 Butanol
 n-Butyl Acetate
 Calcium Naphthenate, Octoate or Tallate
 Calcium Stearate
 Carbon Dioxide
 Casein
 Cedar Leaf Oil
 Chromic Oxide
 Citric Acid
 Cobalt Naphthenate, Octoate or Tallate
 Cobalt Powder
 Crotonaldehyde
 Cyclohexanol
 Defoamers
 Detergents
 Dibutyl Phthalate
 Diisooctyl Phthalate
 Dimethylcyclohexyl Phthalate
 Dispersing Agents
 Dodecylbenzene Sulphonic Acid
 Driers
 Drying Oil, Petroleum
 Emulsifying Agents
 Ethyl Acetate
 Ethylenediaminetetraacetic Acid
 Ethylene Dichloride
 Extenders
 Fatty Acids, Vegetable
 Formaldehyde
 Fusel Oil
 Glycerol
 Hydrochloric Acid
 Hydrogenated Glycerides
 Iron Oxides, Natural
 Iron Oxides, Synthetic
 Isobutanol
 Isobutyl Acetate
 Latex
 Lead Formate
 Lead Naphthenate, Octoate or Tallate
 Lead Sulphate
 Lecithin
 Lime, Hydrated
 Linseed Oil
 Litharge
 Magnesium Stearate
 Manganese Naphthenate, Octoate or Tallate
 Methanol
 Methyl Acetate
 Methyl Amyl Acetate

Methyl Amyl Alcohol
 Methyl Cyclohexanol
 Methylene Chloride
 Methyl Ethyl Ketone
 Methyl Isobutyl Ketone
 Molybdc Oxide
 Naphtha, Petroleum
 Nickel Oxide, Green
 Pentaerythritol
 Pentasol Acetate
 Phenol-Formaldehyde for Coatings
 Phenol-Formaldehyde Resins and Compounds
 Phosphoric Acid
 Phthalic Anhydride
 Pigments
 Plasticizing Agents
 Polyvinyl Acetate Emulsions
 Propanol
 n-Propyl Acetate
 Red Lead
 Sodium Carboxymethylcellulose
 Sodium Dodecylbenzene Sulphonate
 Sodium Sulphate
 Solvents, Aliphatic
 Solvents, Special
 Soybean Oil
 Stabilizing Agents
 Starch, Wheat
 Sulphuric Acid
 Sunflower Oil
 Titanium Dioxide
 Toluene
 Triethylene Glycol
 Urea-Formaldehyde for Coatings
 Vinyl Acetate Monomer
 Wetting Agents
 White Lead
 Xylene
 Zinc Laurate
 Zinc Naphthenate, Octoate or Tallate
 Zirconium Octoate
 Zinc Oxide
 Zinc Stearate

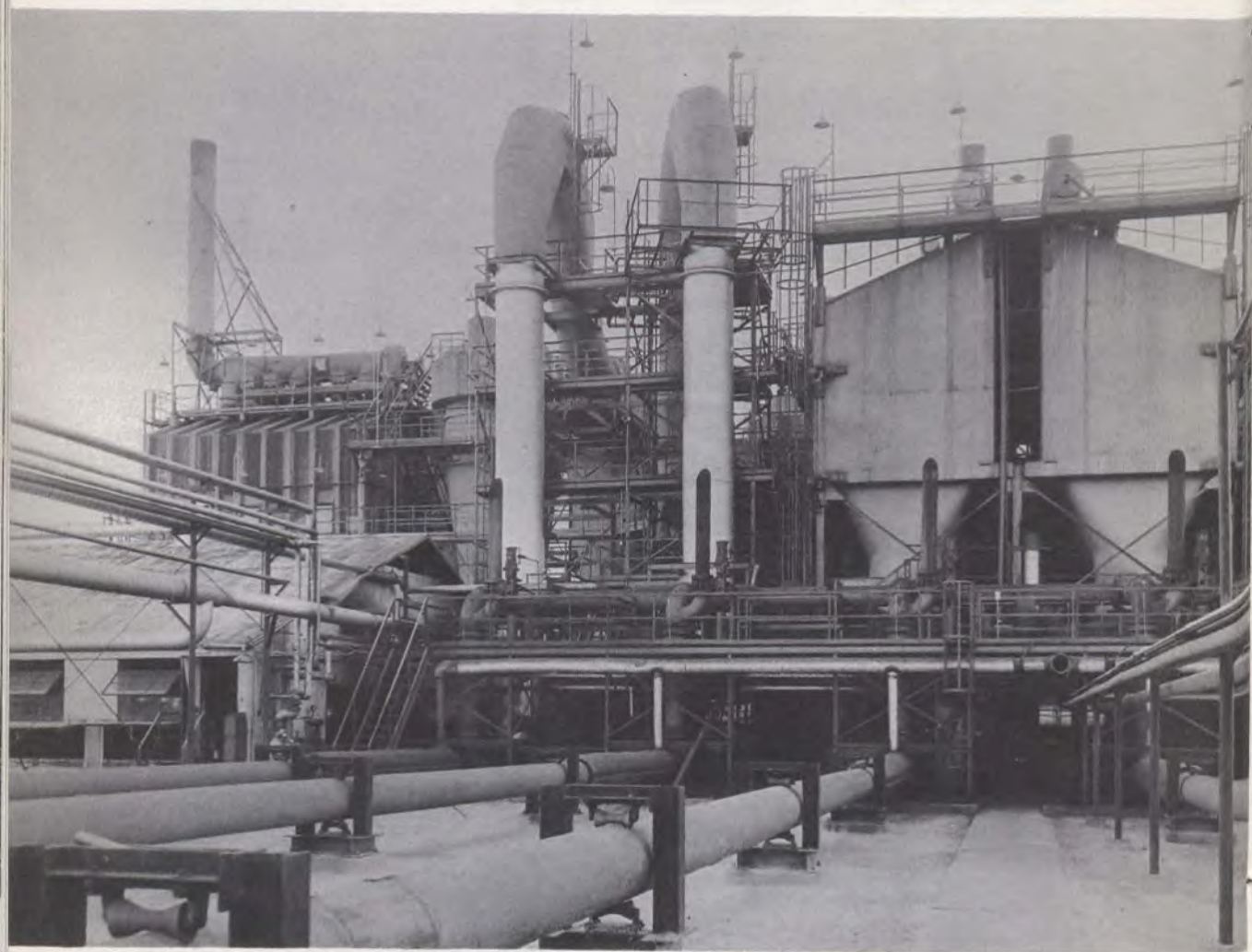
PESTICIDES AND HERBICIDES

Acetic Acid
 Acetic Anhydride
 Alkyl Aryl Sulphonates
 Alkyl Phenol Polyglycol Ethers
 Ammonium Lignosulphonate
 Arsenic Trioxide
 Aromatic Compounds
 Bentonite Clay, Activated
 Bentonite Clay, Natural
 Benzene
 Calcium Arsenate
 Calcium Cyanide
 Carbon Bisulphide
 Caustic Soda
 Chlorine

Copper Naphthenate
 Copper-8-Quinolinolate
 Copper Sulphate
 Creosote
 2, 4-D Acid
 2, 4-D Ester
 Diethanolamine
 Dodecylbenzene Sulphonic Acid
 Dodecyl Dimethylbenzyl Ammonium Naphthenate
 Emulsifying Agents
 Ethylenediaminetetraacetic Acid
 Ethylene Thiourea
 Fir Needle Oil
 Iron Oxides, Synthetic
 Isobutanol
 Laurylamine Tetrachlorophenate
 Lead Arsenate
 Monochloroacetic Acid
 Nabam
 N-Nitrosodiphenylamine
 Phenol
 Sodium Arsenate
 Sodium Chlorate
 Sodium Dodecylbenzene Sulphonate
 Sodium Lignosulphonate
 Solvents, Aliphatic
 Solvents, Aromatic Distillate
 Solvents, Light Alkylate
 Solvents, Petroleum
 Spruce Oil
 Sulfated Fatty Alcohols
 Sulphur
 2,4,5-T Acid
 2,4,5-T Ester
 Tar, Aromatic
 Tetramethylthiuram Monosulphide
 Thiram
 Triethanolamine
 Wetting Agents
 Zinc Naphthenate, Octoate or Tallate
 Ziram

PETROLEUM REFINING AND PRODUCTS

Acetic Acid
 Acetic Anhydride
 Alkyl Phenol Polyglycol Ethers
 Alumina Hydrate
 Aluminum Stearate
 Ammonia
 Aniline Oil
 Argon
 Aromatic Compounds
 Bauxite
 Bentonite Clay, Activated
 Bentonite Clay, Natural
 Blown Oil
 Caustic Soda



The black is cooled to around 500 degrees Fahrenheit and collection is accomplished in this combined "cyclone" and bag-filter equipment at a Sarnia, Ontario, carbon plant.

Corrosion Inhibitors
 Crotonaldehyde
 Cyclohexanol
 Defoamers
 Disalicylal Propylene Diimine
 2,6-Ditertiarybutyl-p-Cresol
 Dodecylbenzene Sulphonic Acid
 Emulsifying Agents
 2-Ethyl Hexanol
 Fatty Acid Esters
 Fatty Acids, Tallow
 Fatty Acids, Vegetable
 Ferrophosphorus
 Fluid Cracking Catalyst
 12-Hydroxystearic Acid
 Iron Oxides, Synthetic
 Lard Oils
 Litharge
 Lithium Hydroxide
 Molybdenum Disulphide
 Monoethanolamine
 Mud Thinners
 Neatsfoot Oils
 Nonyl Phenol
 Oil Additives
 Phenol
 Phosphoric Acid
 Salt
 Selenium
 Selenium Dioxide
 Sodium Carboxymethylcellulose
 Sodium Dodecylbenzene Sulphonate
 Sodium Petroleum Sulphonate
 Sodium Pyrophosphate, Acid
 Soybean Oil
 Sperm Oil
 Sulphur
 Sulphuric Acid
 Toluene
 Triethanolamine
 Tripropylene
 Wax, Microcrystalline
 Wax, Paraffin
 Zinc Dibutyldithiocarbamate

PHARMACEUTICALS

Acetaldehyde
 Acetic Acid
 Acetic Anhydride
 Acetone
 ACTH
 Adrenochrome Semicarbazone
 Alkyl Phenol Polyglycol Ethers
 Aloin
 Alumina Hydrate
 Aluminum Bile Salts
 Aluminum Stearate
 Ammonia
 Ammonium Chloride
 Aniline Oil

Aromatic Compounds
 Beaver Castoreum
 Benzene
 Bile Salts
 Biological Extracts
 Bismuth Glycolylarsanilate
 Blood Root
 Bone Flour, Edible
 Botanical Extracts
 Butanol
 Calcium Caseinate
 Canada Balsam
 Cascara Sagrada Bark
 Catalase
 Cedar Leaf Oil
 Chlorine
 Cholesterol
 Cholic Acid
 Chymotrypsin
 Citric Acid
 Dehydrocholic Acid
 Desoxycholic Acid
 3 α ,12 α -Diacetoxypregnan-20-one
 Dichloralphenazone
 Dihydroxyaluminum Aminoacetate
 3 α ,6 α -Dihydroxypregnan-20-one
 Diphenylpyraline Hydrochloride
 Dithiazanine Iodide
 Dodecylbenzene Sulphonic Acid
 Ectylurea
 Emulsifying Agents
 Epipregnanolone
 Ergot of Rye
 Essential Oils
 Ethyl Acetate
 Ethylenediaminetetraacetic Acid
 Ethylene Glycol
 Fir Needle Oil
 Flavouring Compounds
 Formaldehyde
 Ginseng Root
 Glutamic Acid
 Glutamic Acid Hydrochloride
 Gold Chloride
 Golden Seal Root
 Guanadine Nitrate
 Hellebore Root
 Heparin
 Hexamine Mandelate
 Hydrogen Peroxide
 Insulin
 Iron Oxides, Synthetic
 Isoamyl Alcohol
 Kanamycin
 Lactose
 Lard Oils
 Lecithin
 Lithium Carbonate
 Liver Extracts
 Lycopodium
 Magnesium Stearate
 Meprobamate

Niacin
 Nitric Acid
 Nitrofurantoin
 Nitrous Oxide
 NPH Insulin
 Oxidation Retarders
 Oxygen
 Palladium Chloride
 Pancreatin
 Pentasol Acetate
 Pepsin
 Phenacetin
 Phenmetrazine Hydrochloride
 Phenol
 Phosphoric Acid
 Potassium Chlorate
 Potassium Citrate
 Promazine Hydrochloride
 Propanol
 Propylene Glycol
 Protamine Zinc Insulin
 Protein Hydrolysates
 Radioisotopes
 Salt
 Selenium Dioxide
 Senega Root
 Silver Nitrate
 Silver Oxide
 Sodium Azide
 Sodium Benzoate
 Sodium Caseinate
 Sodium Citrate
 Sodium Carboxymethylcellulose
 Sodium Dodecylbenzene Sulphonate
 Sodium Selenate
 Sodium Selenite
 Sodium Sulphate
 Sodium Tellurate
 Sodium Tellurite
 Spruce Oil
 Starch, Wheat
 Sulphur
 Sulphuric Acid
 Tellurium Dioxide
 Trypsin
 Vitamin A
 Vitamin B₁₂
 Vitamin C
 Vitamin D₂
 Vitamin D₃
 Wax, Paraffin
 Zinc Oxide
 Zinc Stearate

PHOTOGRAPHIC

Acetic Acid
 Benzene
 n-Butyl Acetate
 Ethyl Acetate
 Formaldehyde

Gold Chloride
 Guanidine Nitrate
 Isoamyl Alcohol
 Nitric Acid
 Palladium Chloride
 Silver Nitrate
 Sodium Selenite
 Uranyl Nitrate Hexahydrate

PLASTICS

Acetic Anhydride
 Acetone
 Acetylene Carbon Black
 Adipic Acid
 Alkyl Phenol Polyglycol Ethers
 Aluminum Paste and Powder
 Aluminum Stearate
 Amyl Alcohol
 Aromatic Compounds
 Bauxite
 Benzene
 Bis-phenol
 Blown Oil
 Bronze Powders
 Butanol
 n-Butyl Acetate
 Butyraldehyde
 Calcium Stearate
 Caustic Soda
 Cellulose Acetate Compounds
 Chromic Oxide
 Citric Acid
 Cresol
 Defoamers
 Dibutyl Phthalate
 Dicyclohexyl Phthalate
 Diethanolamine
 Diethylene Glycol
 Diisodecyl Phthalate
 Diisooctyl Adipate
 Diisooctyl Phthalate
 Dimethylcyclohexyl Phthalate
 Dioctyl Adipate
 Dioctyl Azelate
 Dioctyl Phthalate
 Dipropylene Glycol
 2,6-Ditertiarybutyl-p-Cresol
 Dodecylbenzene Sulphonic Acid
 Drying Oil, Petroleum
 Emulsifying Agents
 Ethyl Acetate
 Ethylene
 Ethylene Glycol
 2-Ethyl Hexanol
 Extenders
 Fibre Lubricants
 Formaldehyde
 Fusel Oil
 Glycerine
 Hydrogen Peroxide

Iron Oxides, Natural
 Iron Oxides, Synthetic
 Isobutanol
 Lead Sulphate
 Lecithin
 Linseed Oil
 Magnesium Stearate
 Maleic Anhydride
 Methyl Acetate
 Nonyl Phenol
 Pentaerythritol
 Phenol
 Phenol-Formaldehyde Resins and Compounds
 Phosphoric Acid
 Phthalic Anhydride
 Pigments
 Plasticizing Agents
 Polyester Resins
 Polyethylene Resin, Low Density
 Polyethylene Resin, High Density
 Polystyrene Resin
 Polyvinyl Chloride-Acetate Resins and Compounds
 Polyvinyl Chloride Resins and Compounds
 Prapanol
 n-Propyl Acetate
 Propylene
 Propylene Glycol
 Sodium Carboxymethylcellulose
 Sodium Dodecylbenzene Sulphonate
 Solvents, Special
 Soybean Oil
 Stabilizing Agents
 Styrene Monomer
 Sulphur
 Titanium Dioxide
 Toluene
 Urea
 Vinyl Acetate Monomer
 Xylene
 Zinc Oxide
 Zinc Stearate

POLISHES AND DRESSINGS

Acetone
 Alumina, Calcined
 Alumina Hydrate
 Amyl Alcohol
 Aromatic Compounds
 Bentonite Clay, Activated
 Blown Oil
 n-Butyl Acetate
 Carbon Tetrachloride
 Cedar Leaf Oil
 Chromic Oxide
 Citric Acid
 Defoamers
 Detergents
 Diethylene Glycol
 Dimethylcyclohexyl Phthalate
 Dodecylbenzene Sulphonic Acid

Emulsifying Agents
 Essential Oils
 Ethylenediaminetetraacetic Acid
 Fumaric-Rosin Esters
 Fusel Oil
 Iron Oxides, Natural
 Iron Oxides, Synthetic
 Lecithin
 Lycopodium
 Monoethanolamine
 Oleic Acid
 Polystyrene Emulsions
 Sodium Carboxymethylcellulose
 Sodium Dodecylbenzene Sulphonate
 Solvents, Aliphatic
 Starch, Wheat
 Stearic Acid
 Styrene Monomer
 Titanium Dioxide
 Triethanolamine
 Wax, Microcrystalline
 Wax, Paraffin
 Wetting Agents
 Zinc Oxide

POULTRY AND STOCK FEEDS

Bentonite Clay, Natural
 Chromic Oxide
 Copper Sulphate
 2,6-Ditertiarybutyl-p-Cresol
 Feed Supplements
 Flavouring Compounds
 Gluten, Wheat
 Iron Oxides, Natural
 Iron Oxides, Synthetic
 Lecithin
 Linseed Oil
 Monocalcium Phosphate
 Niacin
 Phosphoric Acid
 Rape Seed Oil
 Salt
 Sodium Selenite
 Sodium Sulphate
 Soybean Oil
 Sulfaquinoxaline
 Sunflower Oil
 Urea
 Vitamin B₁₂
 Vitamin D₂
 Vitamin D₃
 Zinc Oxide

PULP AND PAPER

Alkyl Phenol Polyglycol Ethers
 Aluminum Sulphate
 Ammonia

Anti-blocking Agents
 Anti-foaming Agents
 Aromatic Compounds
 Asphalt
 Casein
 Caustic Soda
 Chelating Agents
 Chlorine
 Citric Acid
 Defoamers
 Detergents
 Dodecylbenzene Sulphonic Acid
 Dyeing Assistants
 Emulsifying Agents
 Ethylenediaminetetraacetic Acid
 2-Ethyl Hexanol
 Finishing and Softening Agents
 Glycerol
 Hydrogen Peroxide
 Iron Oxides, Synthetic
 Lime, Burned
 Lime, Hydrated
 Litharge
 Magnesia
 Paper Wet Strength Agents
 Plasticizing Agents
 Rosin Size
 Salt
 Sizing Agents
 Sodium Carboxymethylcellulose
 Sodium Chlorate
 Sodium Citrate
 Sodium Dodecylbenzene Sulphonate
 Sodium Sulphate
 Starch, Wheat
 Stearic Acid
 Sulphonated Oils
 Sulphur
 Titanium Dioxide
 Wax Emulsions
 Wax, Microcrystalline
 Wax, Paraffin
 Wetting Agents

RUBBER

Accelerators
 Acetic Acid
 Acetylene Carbon Black
 Alkylated Aryl Phosphite
 Alkylated Diphenylamine
 Alkylated Phenol
 Aniline Oil
 Anti-foaming Agents
 Antioxidants
 Bauxite
 Benzene
 Butadiene
 Butyraldehyde
 Butyraldehyde-Aniline Reaction Product
 Carbon Bisulphide

Carbon Black
 Carbon Tetrachloride
 Crotonaldehyde
 N-Cyclohexyl-2-Benzothiazole Sulphenamide
 Dioctyl Phthalate
 N,N'-Diphenyl-p-Phenylenediamine
 Diphenylamine-Acetone Reaction Product
 Disalicylal Propylene Diimine
 Drying Oil, Petroleum
 2-Ethyl Hexanol
 Ethylene Thiourea
 Formaldehyde
 Hexachloroethane
 Hydrogen Peroxide
 Iron Oxides, Synthetic
 Latex
 Lead Sulphate
 Litharge
 Mercaptobenzothiazole
 Mercaptobenzothiazole Disulphide
 N-Nitrosodiphenylamine
 Nonyl Phenol
 Phenyl-beta-Naphthylamine
 Phthalic Anhydride Retarder
 Reclaiming Oil, Rubber
 Red Lead
 Rubber, Synthetic
 Selenium
 Selenium Diethyldithiocarbamate
 Stearic Acid
 Styrene Monomer
 Sulphur
 Tellurium
 Tetramethylthiuram Monosulphide
 Thiram
 Titanium Dioxide
 Toluene
 Wax, Paraffin
 Xylene
 Zinc Dibutyldithiocarbamate
 Zinc Diethyldithiocarbamate
 Zinc Laurate
 Zinc 2-Mercaptobenzothiazole
 Zinc Oxide
 Zinc Stearate
 Ziram

SOAPS AND DETERGENTS

Alkyl Aryl Sulphonates
 Alkyl Phenol Polyglycol Ethers
 Ammonia
 Ammonium Chloride
 Amyl Alcohol
 Aromatic Compounds
 Bentonite Clay, Activated
 Benzene
 Blown Oil
 Butanol
 Canada Balsam
 Caustic Soda

Cedar Leaf Oil
 Chelating Agents
 Chlorine
 Citric Acid
 Defoamers
 Detergents
 Diethanolamine
 2,6-Ditertiarybutyl-p-Cresol
 Dodecylbenzene
 Dodecylbenzene Sulphonic Acid
 Emulsifying Agents
 Essential Oils
 Ethylenediaminetetraacetic Acid
 Ethylene Dichloride
 Ethylene Thiourea
 Extenders
 Fatty Acid Alkanolamides
 Fatty Acid Esters
 Fatty Acids, Tallow
 Fatty Acids, Vegetable
 Fir Needle Oil
 Fusel Oil
 Glycerol
 Hydrogen Peroxide
 Lard Oils
 Lecithin
 Linseed Oil
 Lithium Hydroxide
 Magnesium Stearate
 Methyl Cyclohexanol
 Monoethanolamine
 Nonyl Phenol
 Oleic Acid
 Quaternary Ammonium Compounds
 Sodium Carboxymethylcellulose
 Sodium Dodecylbenzene Sulphonate
 Sodium Pyrophosphate, Acid
 Sodium Sulphate
 Solvents, Aliphatic
 Soybean Oil
 Spruce Oil
 Stabilizing Agents
 Stearic Acid
 Sulphated Fatty Alcohols
 Sulphur
 Sunflower Oil
 Tetrapropylene
 Titanium Dioxide
 Triethanolamine
 Tripropylene
 Wax Emulsions
 Wetting Agents

TEXTILES

Acetic Acid
 Acetic Anhydride
 Acetone
 Alkyl Aryl Sulphonates
 Alkyl Phenol Polyglycol Ethers
 Alkyl Polyglycol Esters

Alkyl Polyglycol Ethers
 Aluminum Paste and Powder
 Ammonia
 Ammonium Chloride
 Anti-foaming Agents
 Anti-slip Agents
 Anti-static Agents
 Aromatic Compounds
 Barium Stearate
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 Blown Oil
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 Carbon Bisulphide
 Carbon Tetrachloride
 Casein
 Caustic Soda
 Cellulose Acetate Flake
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 Copper Naphthenate
 Copper Sulphate
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 Cyclohexanol
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 Delustering Agents
 De-sizing Agents
 Detergents
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 Diethylene Glycol
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 Dodecylbenzene Sulphonic Acid
 Dyeing Assistants
 Emulsifying Agents
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 Ethylenediaminetetraacetic Acid
 Ethylene Glycol
 2-Ethyl Hexanol
 Fibre Lubricants
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 Hydrochloric Acid
 Hydrogen Peroxide
 Lard Oils
 Magnesia
 Methyl Acetate
 Methyl Cyclohexanol
 Monoethanolamine
 Neatsfoot Oils
 Nitric Acid
 Nonyl Phenol
 Nylon Polymer Flake
 Oleic Acid
 Palladium Chloride
 Penetrating Agents
 Phosphoric Acid
 Plasticizing Agents
 Polystyrene Emulsions
 Polyvinyl Acetate Emulsions
 Potassium Chlorate

Salt
 Sizing Agents
 Sodium Arsenate
 Sodium Carboxymethylcellulose
 Sodium Chlorate
 Sodium Dodecylbenzene Sulphonate
 Sodium Sulphate
 Starch, Wheat
 Stearic Acid
 Sulfated Fatty Alcohols
 Sulphonated Oils
 Sulphur
 Sulphuric Acid
 Textile Finishes
 Textile Resin Catalyst
 Triethanolamine
 Urea-Formaldehyde Adhesives
 Wax Emulsions
 Wax, Microcrystalline
 Wetting Agents
 Xylene
 Zinc Naphthenate, Octoate or Tallate
 Zinc Oxide

Methyl Acetate
 Monoethanolamine
 Monoglycerides
 Oleic Acid
 Propanol
 n-Propyl Acetate
 Propylene Glycol
 Sodium Carboxymethylcellulose
 Sodium Caseinate
 Spruce Oil
 Stabilizing Agents
 Starch, Wheat
 Stearic Acid
 Sulphated Fatty Alcohols
 Sulphuric Acid
 Titanium Dioxide
 Triethanolamine
 Wax Emulsions
 Wax, Microcrystalline
 Wax, Paraffin
 Wetting Agents
 Zinc Oxide
 Zinc Stearate

TOILET PREPARATIONS AND COSMETICS.

Acetaldehyde
 Acetone
 Alkyl Aryl Sulphonates
 Alkyl Phenol Polyglycol Ethers
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 Aromatic Compounds
 Beaver Castoreum
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 n-Butyl Acetate
 Calcium Caseinate
 Cedar Leaf Oil
 Chelating Agents
 Citric Acid
 Detergents
 Dodecylbenzene Sulphonic Acid
 Emulsifying Agents
 Essential Oils
 Ethyl Acetate
 Ethylenediaminetetraacetic Acid
 Extenders
 Fatty Acid Alkanolamides
 Fatty Acid Esters
 Fatty Acids, Tallow
 Fatty Acids, Vegetable
 Fir Needle Oil
 Ginseng Root
 Glycerol
 Lecithin
 Lithium Carbonate
 Lithium Hydroxide
 Lycopodium
 Magnesium Stearate



Mining and construction are the major markets for explosives. Here a blaster attaches detonating cord to a cartridge of Canadian-made dynamite.

CANADIAN CHEMICALS FOR EXPORT



In the Canadian chemical industry, research has more than kept pace with investment, as evidenced by many new facilities such as this Du Pont of Canada Research Centre at Kingston, Ontario. Within the past 10 years, 108 new chemical and allied products' plants have brought the total number of these establishments to 1,145.

DIRECTORY OF MANUFACTURERS



Quality control by statistical methods has proved most effective in maintaining high standards of accuracy in Canadian sporting ammunition. Here an operator checks cartridges made at a large chemical plant in Brownsburg, Quebec.

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